## DEPARTMENT OF THE ARMY



VICKSBURG DISTRICT, CORPS OF ENGINEERS
4155 CLAY STREET
VICKSBURG, MISSISSIPPI 39183-3435

June 22, 2011

Operations Division

SUBJECT: Preliminary Jurisdictional Determination, MVK-2003-568, Proposed Interstate 69 Corridor, Section of Independent Utility No. 14, Louisiana and Arkansas

Mr. Kent Dussom, P.E. URS Corporation Suite 900 3500 North Causeway Boulevard Metarie, Louisiana 70002-3527

Dear Mr. Dussom:

I refer to your request for a preliminary jurisdictional determination regarding the currently proposed Interstate 69 corridor. The proposed work is located in Columbia and Union Counties, Arkansas and Bossier, Claiborne, and Webster Parishes, Louisiana.

Based upon the information that was provided by your office, including additional information obtained from a field investigation, we have determined that there are jurisdictional areas within the project boundary subject to regulation pursuant to Section 404 of the Clean Water Act. The approximate extent of waters of the United States, including wetlands, within the boundary of the property described through the aforementioned correspondence is depicted on the enclosed maps (enclosure 1). Please note that this determination is preliminary and does not constitute an approved jurisdictional determination. For your information, I am including a copy of our appeals form (enclosure 2).

Since the proposed activity appears to involve the discharge of dredged and/or fill material (land clearing, ditching, filling, leveeing, etc.) into jurisdictional waters, a Department of the Army Section 404 permit is required. Your request for preferred alternative concurrence, associated with the subject corridor, is currently being assessed by our Evaluation Section.

Please be advised that an updated delineation of wetlands and other waters should be completed prior to the initiation of the permitting process. This updated delineation is necessary in order to better define the physical extent and characteristics of jurisdictional waters present within the project boundary. Prior to initiating this delineation, please schedule a meeting with the Corps of Engineers to determine the information and data format that is needed to expedite the jurisdictional review process.

The Vicksburg District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete the Customer Service Survey found on our web site at <a href="http://per2.nwp.usace.army.mil/survey.html">http://per2.nwp.usace.army.mil/survey.html</a>. If it is more convenient for you, please complete and return the enclosed postage-paid post card (enclosure 3).

I am furnishing a copy of this letter to Mr. Randall Looney, Arkansas Division, Federal Highway Administration, 700 West Capitol Avenue, Room 3130, Little Rock, Arkansas 72201 and Mr. Robert Mahoney, Louisiana Division, Federal Highway Administration, 5304 Flanders Drive, Suite A, Baton Rouge, Louisiana 70808.

If we may be of any further assistance in this matter, please contact Mr. David Carraway of this office, telephone (601) 631-5591, fax (601) 631-5459, or e-mail address: regulatory@usace.army.mil.

Sincerely,

Charles R. Allred, Jr. Chief, Enforcement Section

Charle R. alhel, I.

Regulatory Branch

Enclosures

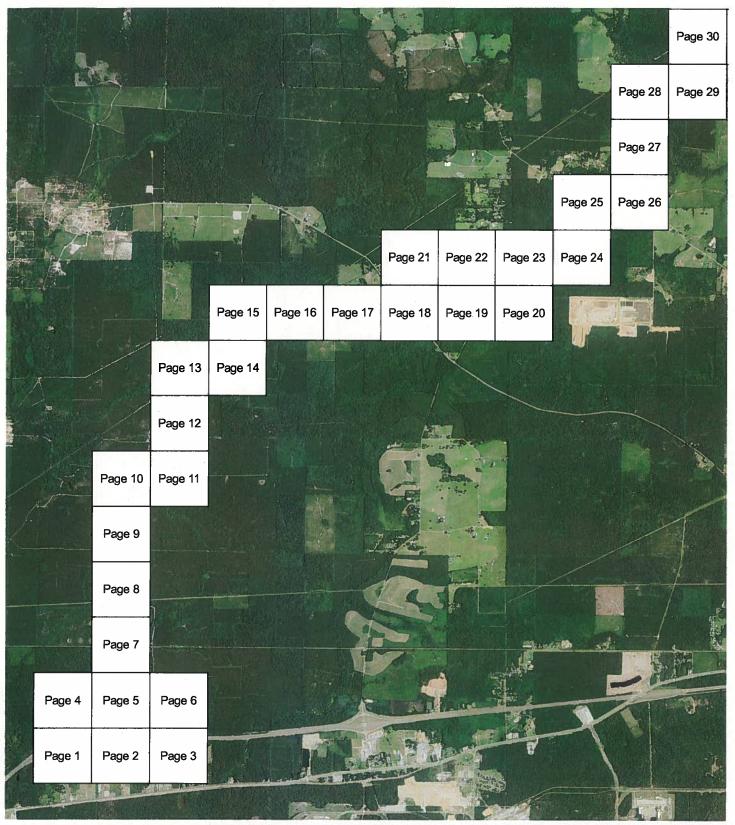
## NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Appl	icant: Federal Highway Administration	File Number: MVK-2003-568	Date: 06/22/2011
Attached is:			See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)		A
	PROFFERED PERMIT (Standard Permit or Letter of permission)		В
	PERMIT DENIAL		C
	APPROVED JURISDICTIONAL DETERM	MINATION	D
X	PRELIMINARY JURISDICTIONAL DET	ERMINATION	Е

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <a href="http://www.usace.army.mil/cecw/pages/reg\_materials.aspx">http://www.usace.army.mil/cecw/pages/reg\_materials.aspx</a> or Corps regulations at 33 CFR Part 331.

- A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.
- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final
  authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your
  signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights
  to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.
- B: PROFFERED PERMIT: You may accept or appeal the permit
- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.
- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

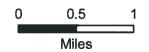
SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT				
REASONS FOR APPEAL OR OBJECTIONS: (Describ	be your reasons for appealing the decision or your objections to an ch additional information to this form to clarify where your reasons			
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you may provide additional information to clarify the location of i	information that the review officer has determined is needed to rps may add new information or analyses to the record. However, nformation that is already in the administrative record.			
POINT OF CONTACT FOR QUESTIONS OR INFORMATION:				
If you have questions regarding this decision and/or the appeal process you may contact: David W. Carraway  Environmental Specialist  USACE – Vicksburg District  4155 Clay Street  Vicksburg, MS 39183-3435  (601) 631-5591	If you only have questions regarding the appeal process you may also contact: James B. Wiseman, Jr.  Administrative Appeals Review Officer  USACE - Mississippi Valley Division  P.O. Box 80  Vicksburg, MS 39181-0080  (601) 634-5820			
RIGHT OF ENTRY: Your signature below grants the right of ent consultants, to conduct investigations of the project site during the notice of any site investigation, and will have the opportunity to p	course of the appeal process. You will be provided a 15 day			
	Date: Telephone number:			
Signature of appellant or agent.				



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Grid (key to 197 page preliminary jurisdictional determination)

Grid Number: 1 June 22, 2011





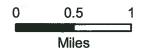




MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Grid Number: 2 June 22, 2011









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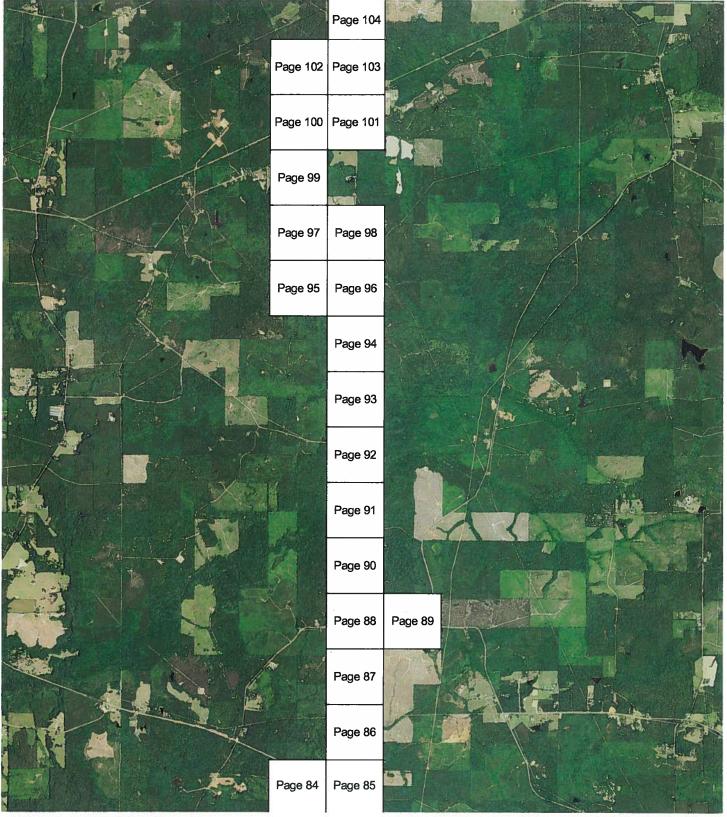
Grid (key to 197 page preliminary jurisdictional determination)

Grid Number: June 22, 2011 3









MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Grid (key to 197 page preliminary jurisdictional determination)

Grid Number: 4 June 22, 2011





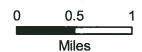




MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

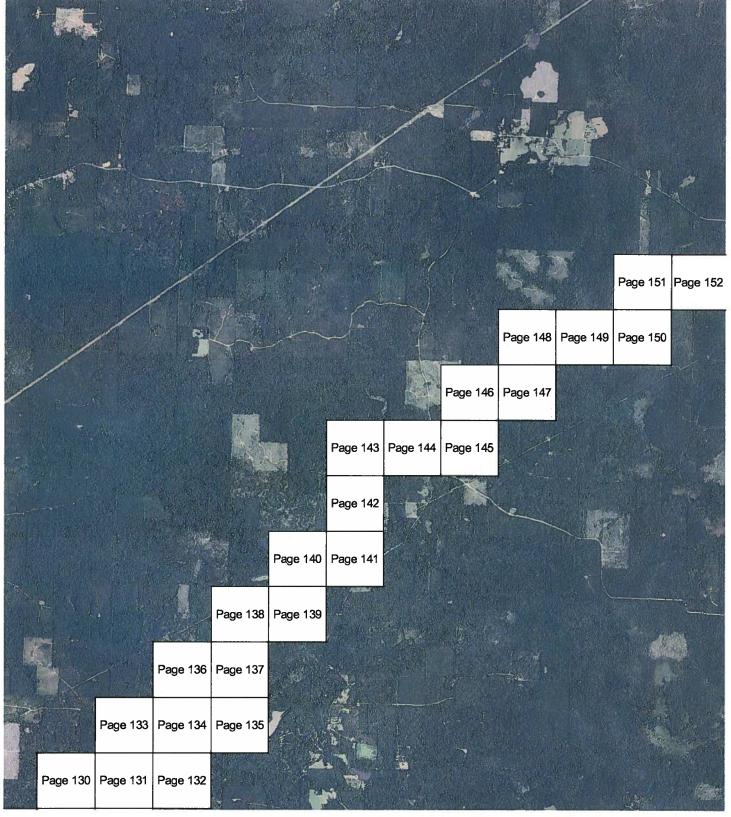
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Grid Number: 5 June 22, 2011



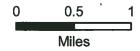






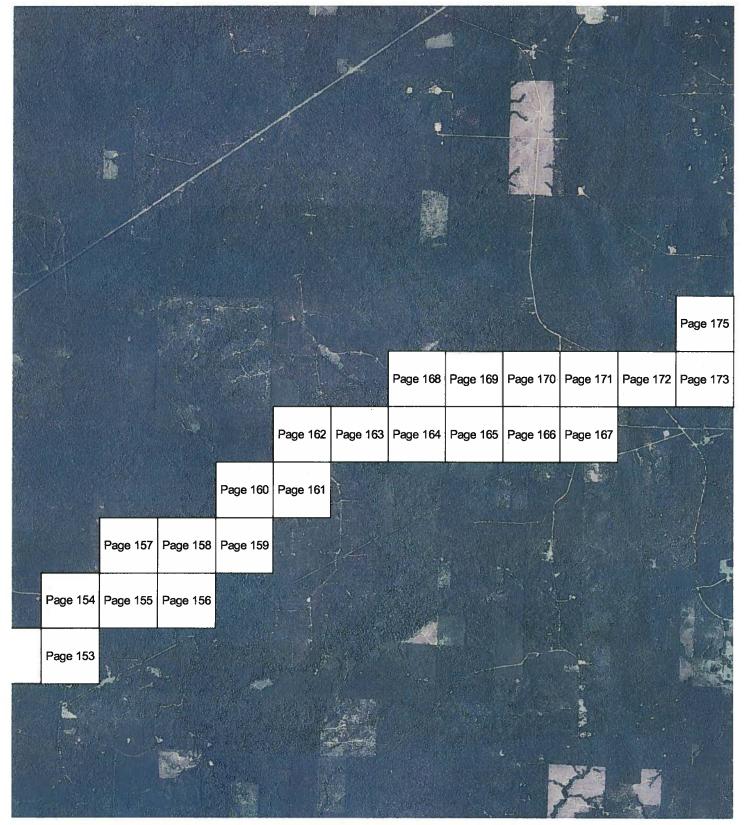
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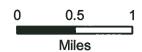






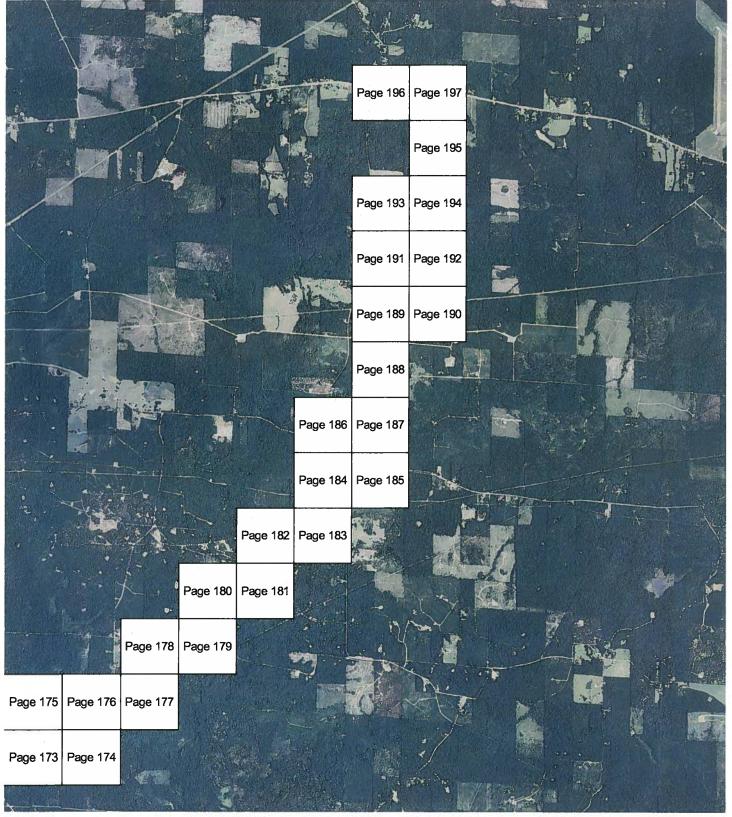
MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)
Grid (key to 197 page preliminary jurisdictional determination)

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June 22, 2011





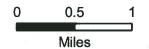




MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Grid (key to 197 page preliminary jurisdictional determination)

Grid Number: 8
June 22, 2011









MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number:

1

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
Non-jurisdictional, U, Uplands (3,321.78 acres)

0 175 350 Feet



June 22, 2011



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2010, NAIP Aerial Imagery

Feet

US Army Corps of Engineers



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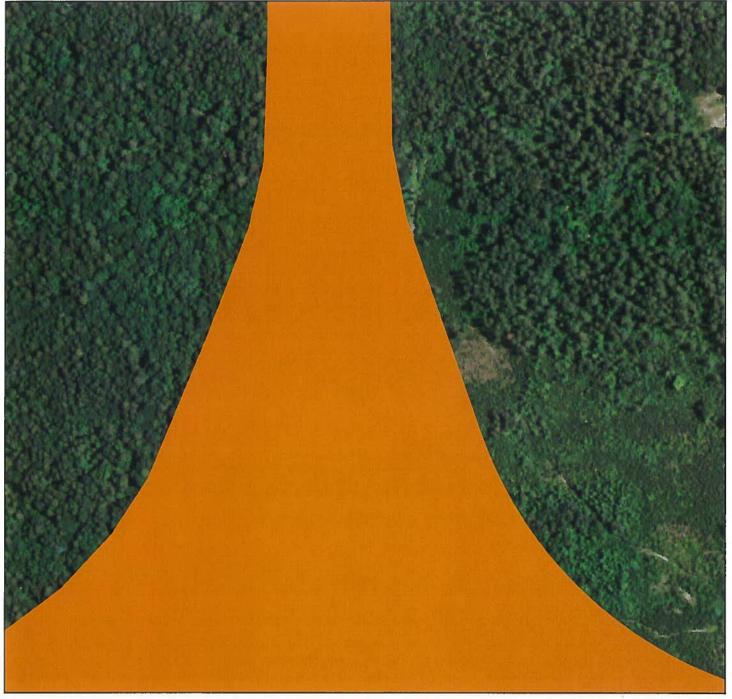


MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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2010, NAIP Aerial Imagery

of Engineers.



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175

Feet

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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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2010, NAIP Aerial Imagery

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Feet



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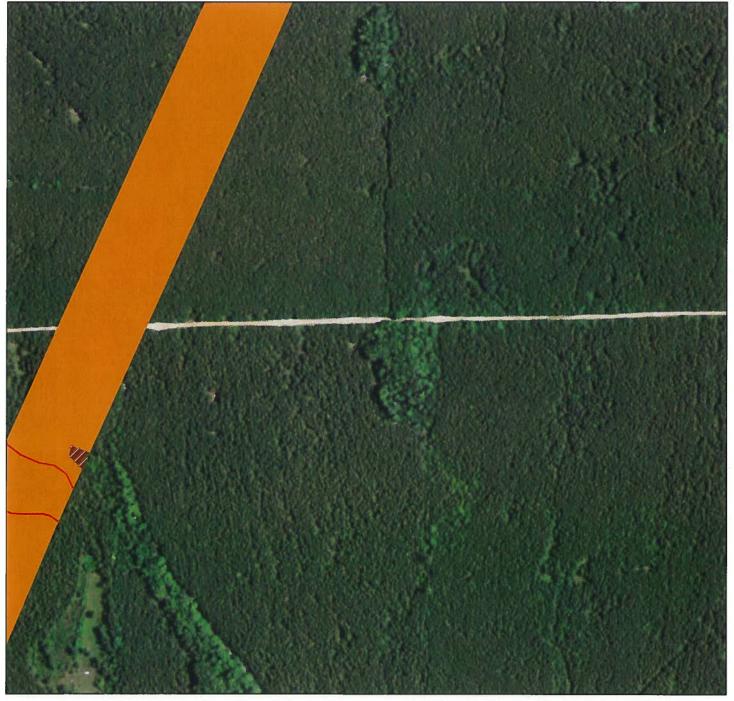
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2010, NAIP Aerial Imagery

US Army Corps

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2010, NAIP Aerial Imagery

Non-jurisdictional, U, Uplands (3,321.78 acres)



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175

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Page Number: 15

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 16 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

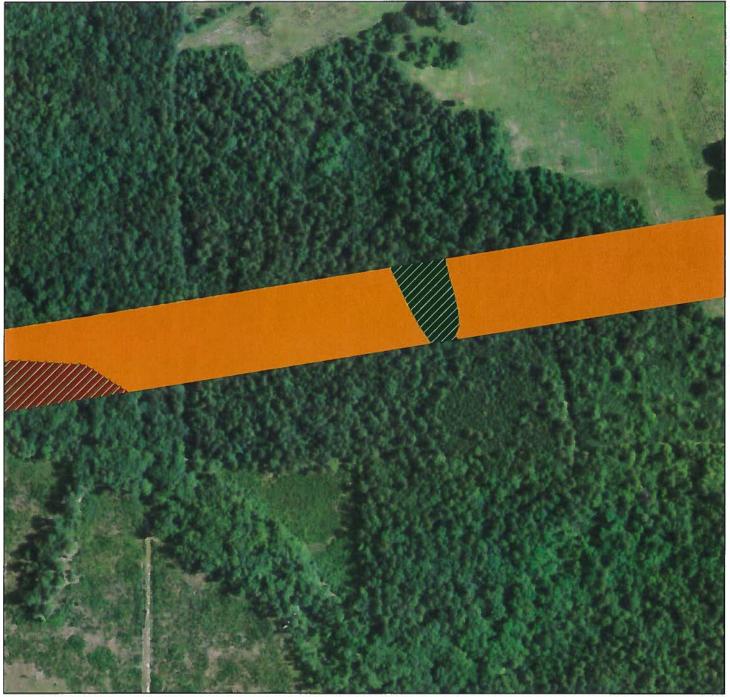
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



Feet

**US Army Corps** 



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 17
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

  June 22, 2011
- Jurisdictional, POW, Open Water, Palustrine (7.19 acres)
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- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery

350



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) June 22, 2011 Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) 350

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)  $\,\,$   $_{0}$ Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) Feet

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

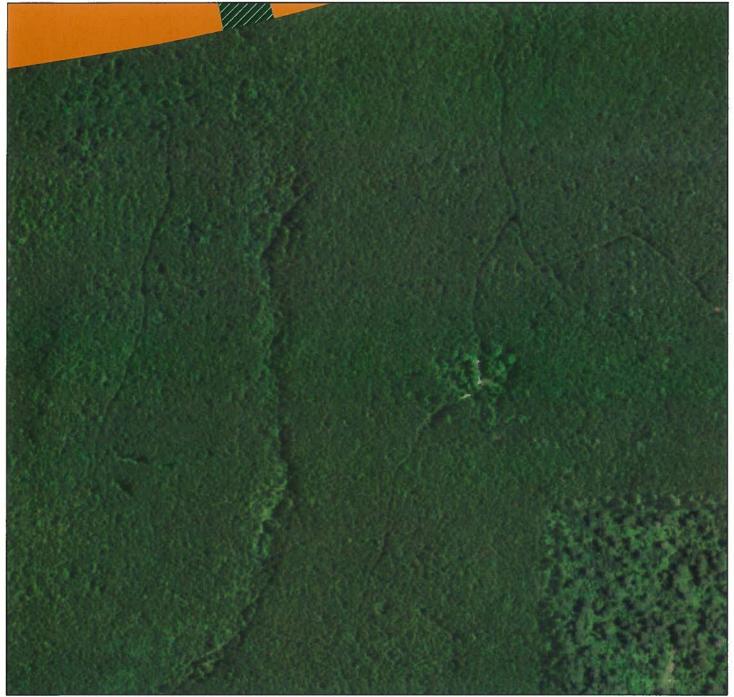




MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres) 2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery



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2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number:

22

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend

175 350 W





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 25

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

(0.95 acres) 175 350 W





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 26
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Legend

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 28 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend



**Army Corps** 

175

Feet

350



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) 29 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 350 175 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) of Engineers. Feet

2010, NAIP Aerial Imagery Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 30

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 31

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Legend

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 32

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

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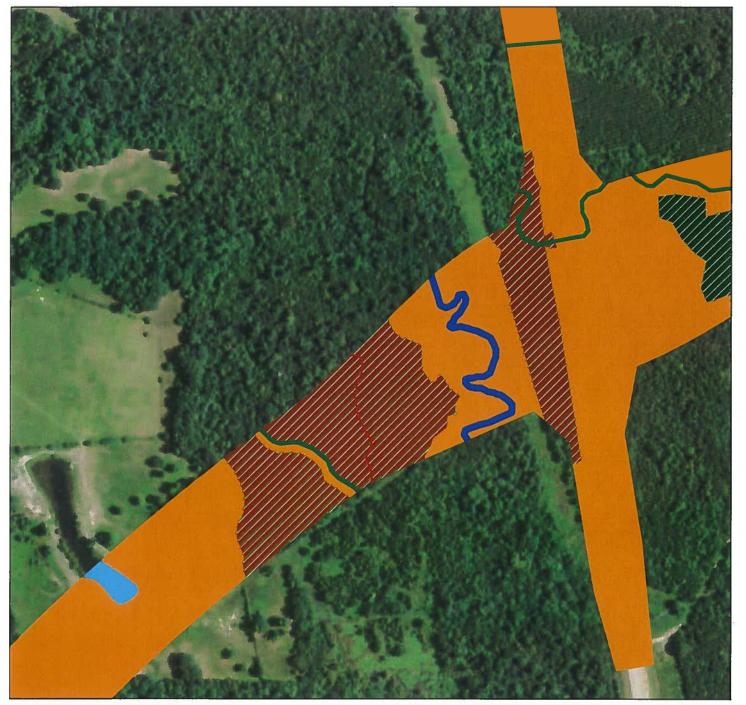


175

Feet

350





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 33

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

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Non-jurisdictional, U, Uplands (3,321.78 acres)

175 350 W







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

US Army Corps



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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 35

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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175 350

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend



Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

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2010, NAIP Aerial Imagery

**Feet** 



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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 37

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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175 350 W S E US Army Corps of Engineers.



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175 350 W US Army Corp



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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

of Engineers.

350

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Legend

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Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

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175

Feet

350





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 42

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

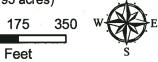
Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 43

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

S of Engineers.

2010, NAIP Aerial Imagery

350

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 44

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend



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Feet





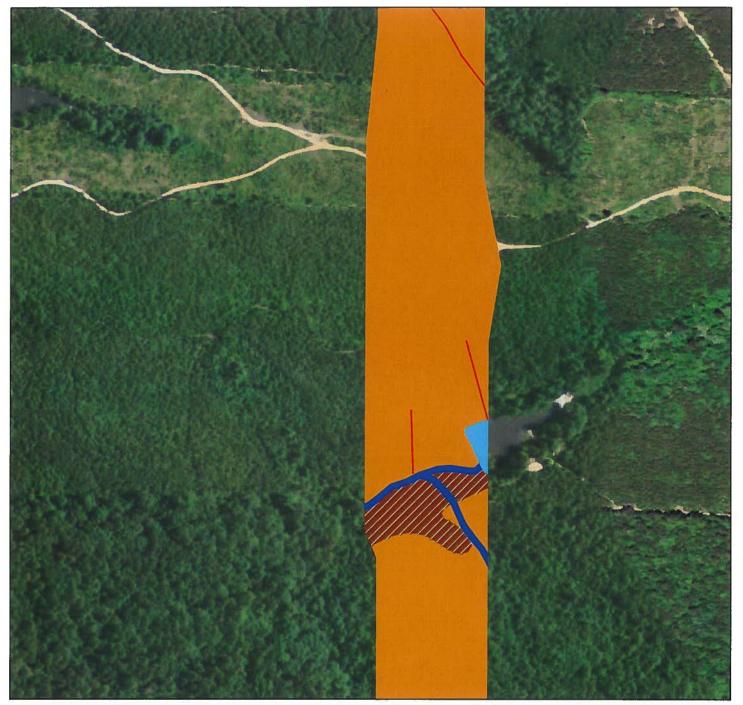
MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Legend

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 46
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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350

Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
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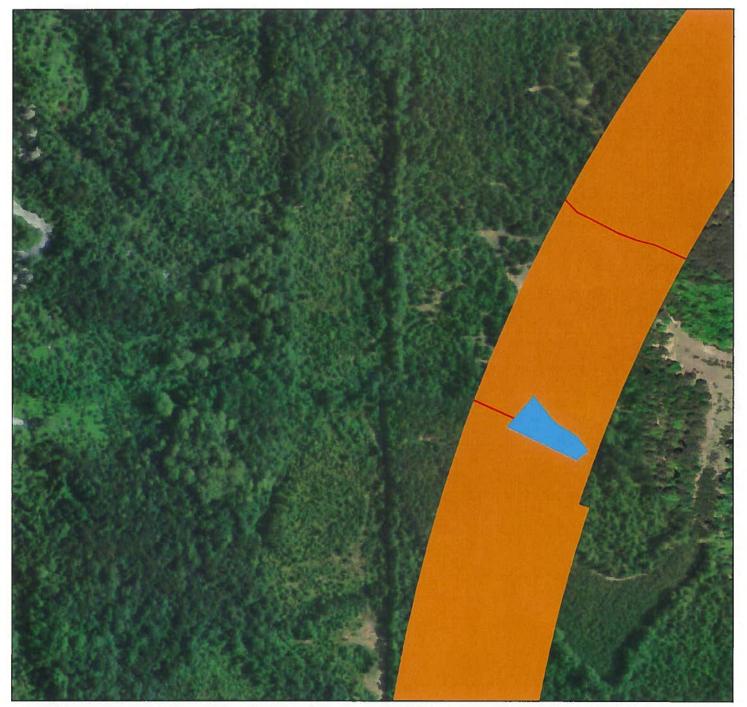
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350

Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 48

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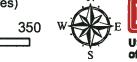
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Feet





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June 22, 2011

June 22, 2011

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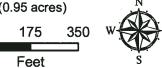
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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



**Feet** 



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



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Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

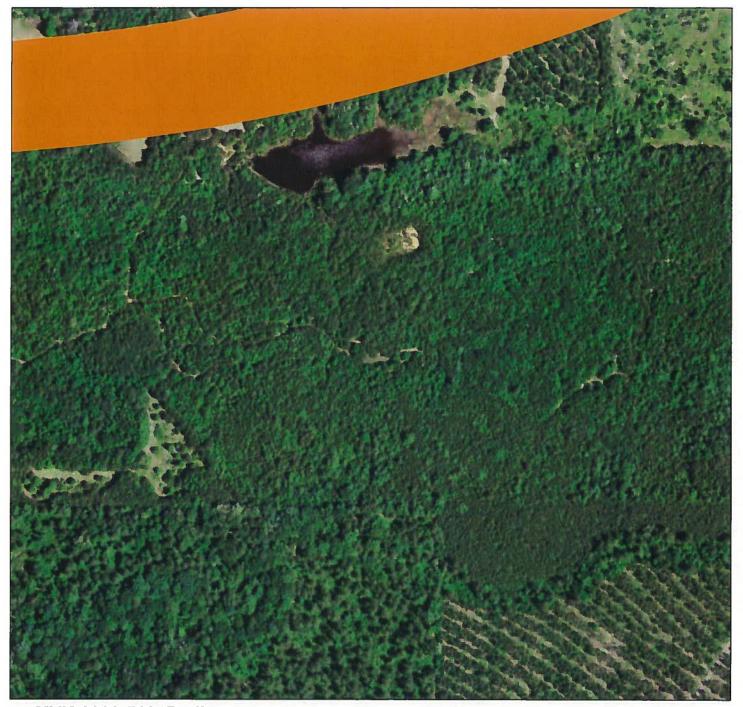
- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 53 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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- Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

350



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

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Non-jurisdictional, U, Uplands (3,321.78 acres)

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2010, NAIP Aerial Imagery

**Feet** 

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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2010, NAIP Aerial Imagery

Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 56
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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  Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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Non-jurisdictional, U, Uplands (3,321.78 acres)

175 350 Feet



**Army Corps** of Engineers.

2010, NAIP Aerial Imagery

June 22, 2011



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

s of Engineers.

2010, NAIP Aerial Imagery

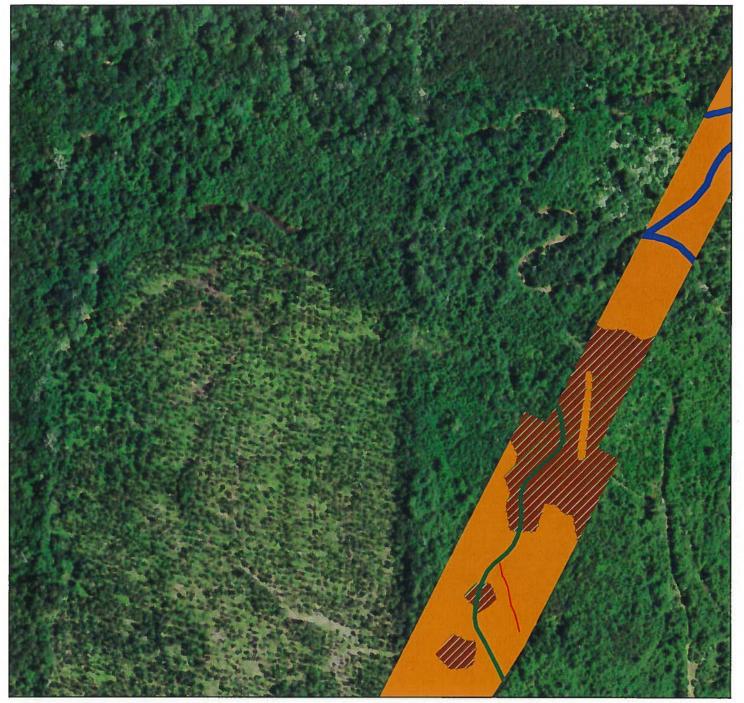
Feet

**Army Corps** 



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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 61

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2010, NAIP Aerial Imagery

Feet



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175 350 Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

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2010, NAIP Aerial Imagery

Feet

US Army Corps of Engineers



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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

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Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number:

47

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Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 68

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

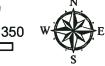
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Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

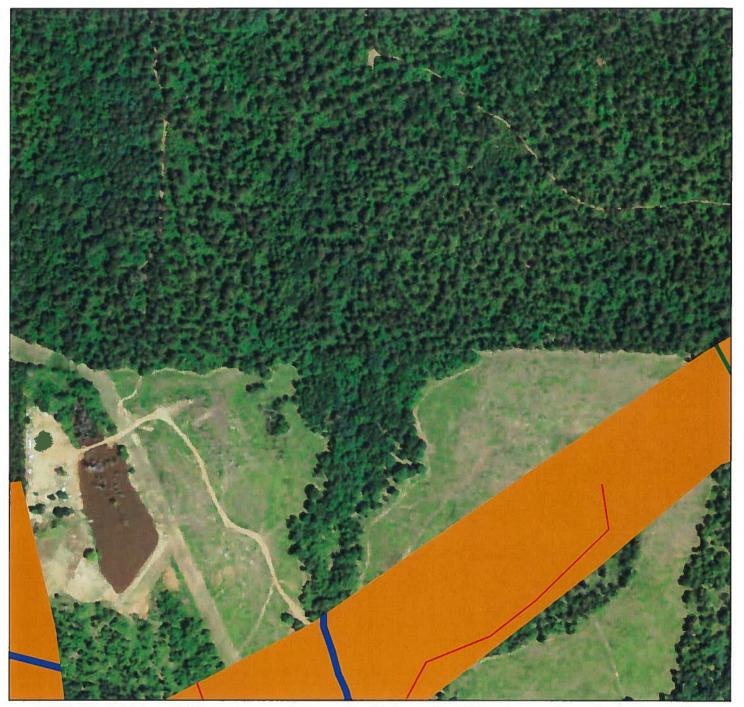
Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

  June 22, 2011
- Jurisdictional, POW, Open Water, Palustrine (7.19 acres)
- Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)
- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175
  - Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)



69

2010, NAIP Aerial Imagery

350

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 70 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011
- Jurisdictional, POW, Open Water, Palustrine (7.19 acres)
- Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)
- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)
- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
  - Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

350

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 71

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

0 175 350 Feet







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 72

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

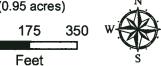
Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 73 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery

175

Feet

350



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



350

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 75

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

June 22, 2011

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175 350

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 76

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

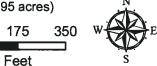
Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

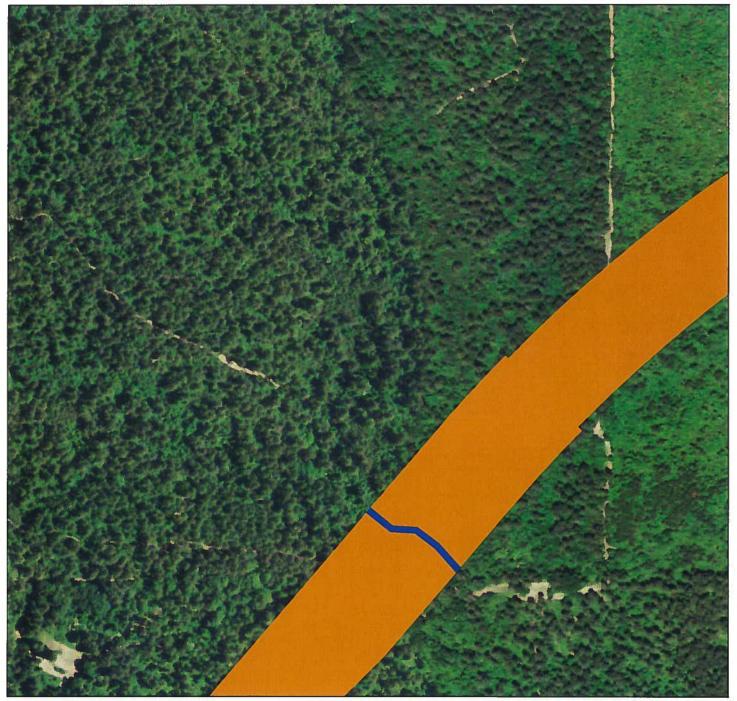
Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) 77 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet) Non-jurisdictional, U, Uplands (3,321.78 acres)

175 350 Feet



of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 78

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery

175

Feet

350



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 79

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

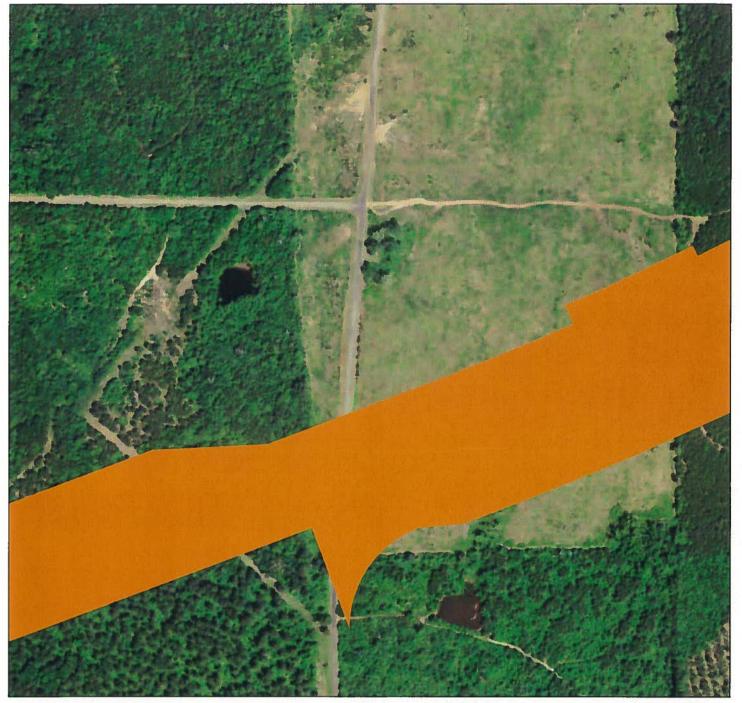
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 80

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

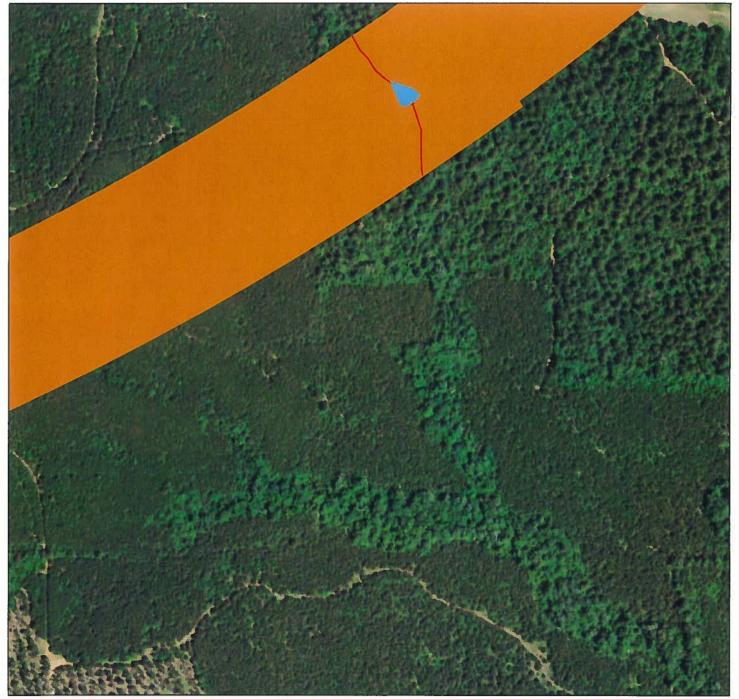
Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

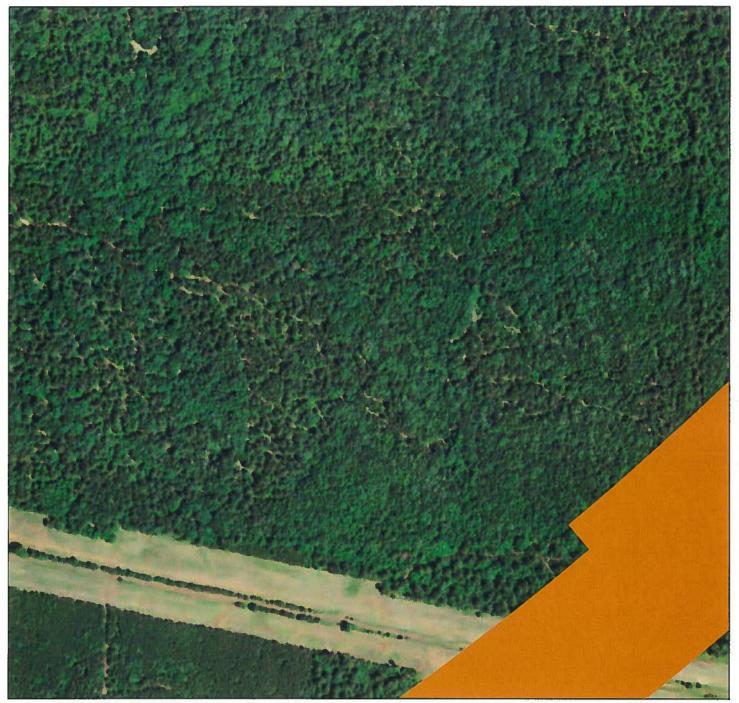
Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 82

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

0 175

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery

350

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)
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- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)

June 22, 2011



175

Feet

350



83



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 84

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

June 22, 2011

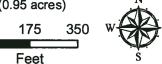
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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

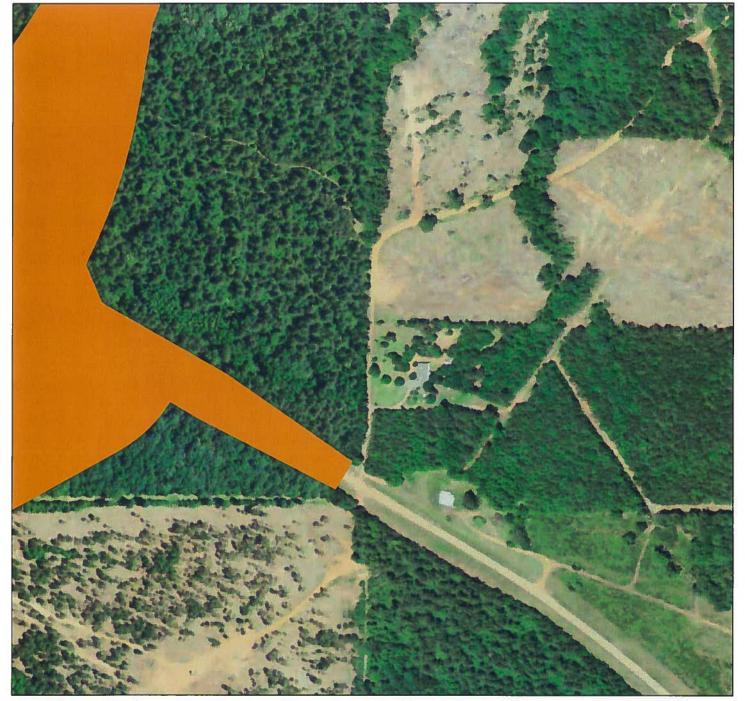
Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 85

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

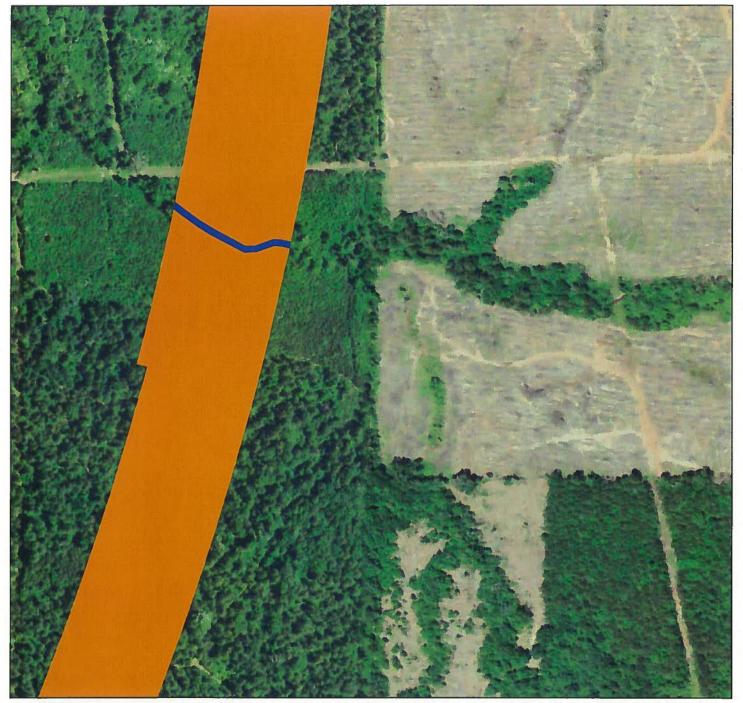
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

of Engineers«

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) 86 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Legend

Feet Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet) 2010, NAIP Aerial Imagery Non-jurisdictional, U, Uplands (3,321.78 acres)

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 87

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

0 175

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



Feet

US Army Corps of Engineers



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 88
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)
  - Jurisdictional, POW, Open Water, Palustrine (7.19 acres)
- Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)
- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)
- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
  - Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)

June 22, 2011



175

Feet

350





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 89

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

June 22, 2011

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend



US Army Corps of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) 90 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Legend

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet) 2010, NAIP Aerial Imagery Non-jurisdictional, U, Uplands (3,321.78 acres)

**Feet** 

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

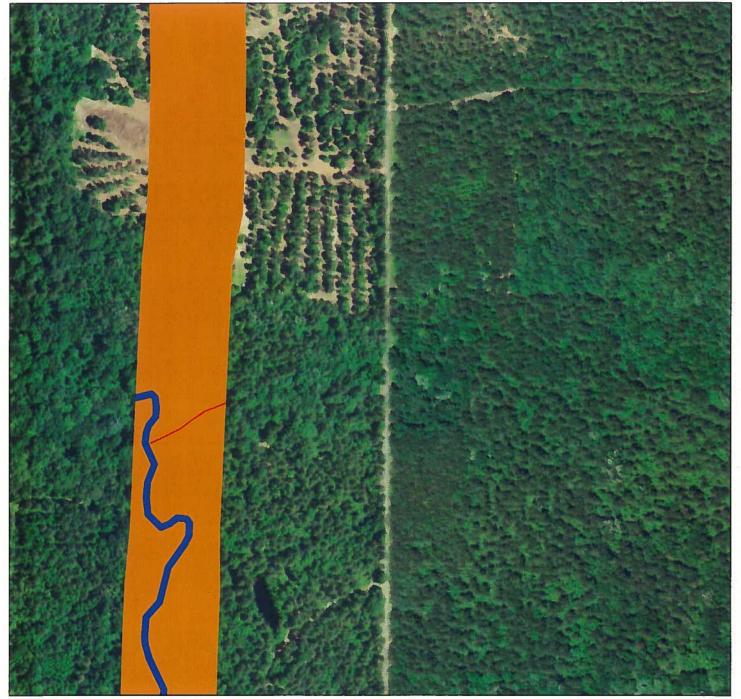
Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) 93 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) of Engineers. Feet Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

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Non-jurisdictional, U, Uplands (3,321.78 acres) 2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 94

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend



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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

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Page Number: 95

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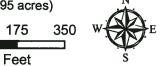
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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
Non-jurisdictional, U, Uplands (3,321.78 acres)



US Army Corps of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Legend

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 96

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Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

97 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

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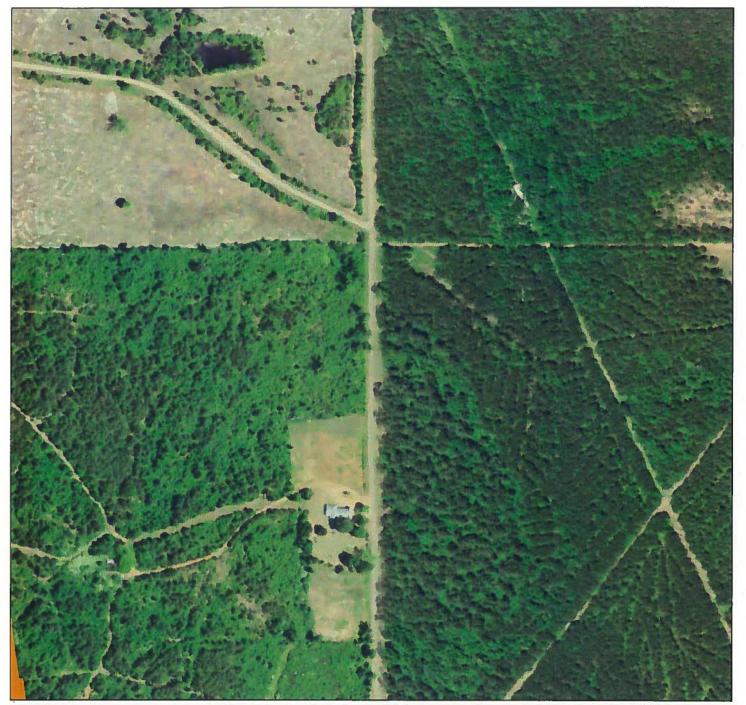
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

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Page Number: 98

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

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Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

US Army Corps of Engineers



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 99 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) June 22, 2011

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet) Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend

350 175 Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 101
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011
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- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

350





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery



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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 103

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175 350

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery



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Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 104

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

of Engineers.



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Non-jurisdictional, U, Uplands (3,321.78 acres) 2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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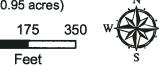
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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)





2010, NAIP Aerial Imagery

June 22, 2011



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 107

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Fage Number 111.99 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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June 22, 2011

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Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 108

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Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

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US Army Corps of Engineers



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 111
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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- Non-jurisdictional, U, Uplands (3,321.78 acres)



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Feet

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2010, NAIP Aerial Imagery

June 22, 2011



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 112 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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- Jurisdictional, POW, Open Water, Palustrine (7.19 acres)
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- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175
- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)



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Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 113 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)

175

Feet

350



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 114

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

175

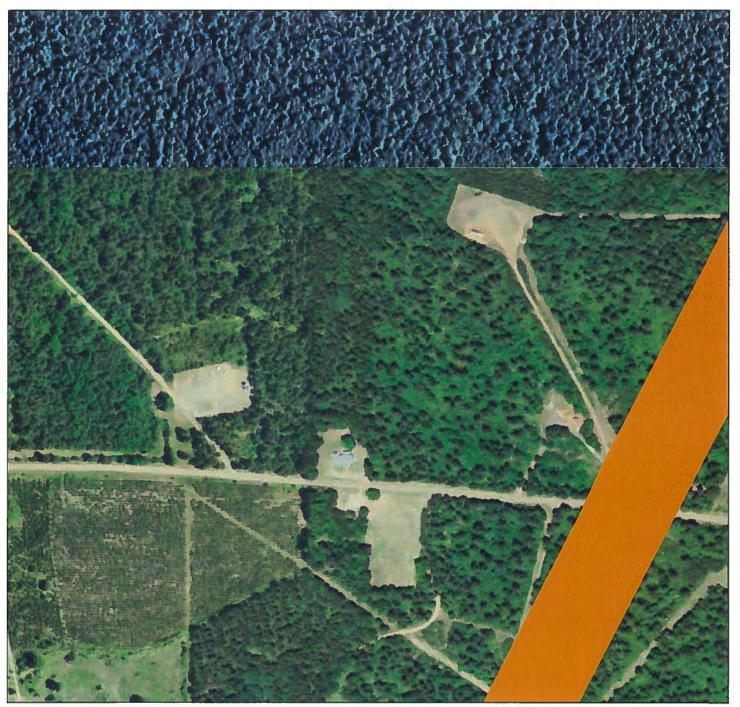
Feet

350

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 115
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

  June 22, 2011
- Jurisdictional, POW, Open Water, Palustrine (7.19 acres)
- Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)
- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)
  - Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
  - Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)
Page Number:
116

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



350

Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 117

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

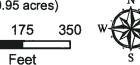
Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:

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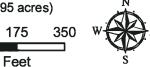
Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)





118

2010, NAIP Aerial Imagery

June 22, 2011



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 119
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

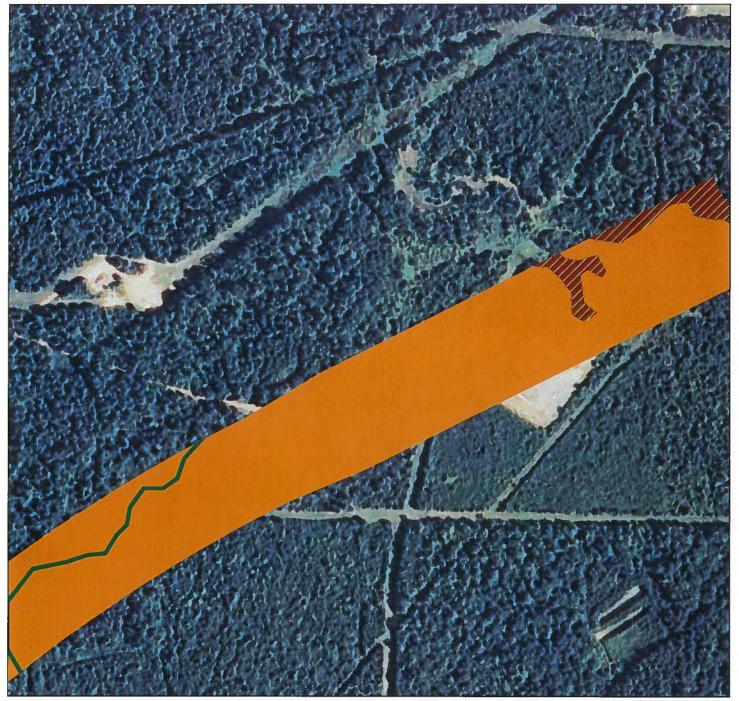
  June 22, 2011
- Jurisdictional, POW, Open Water, Palustrine (7.19 acres)
- Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)
- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175
- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)



350

Feet

US Army Corps of Engineers



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

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Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 121

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

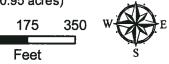
Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 122 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011
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- Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)
- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175
- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)



350

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)
Page Number: 123 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) US Army Corps of Engineers.

Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 124

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

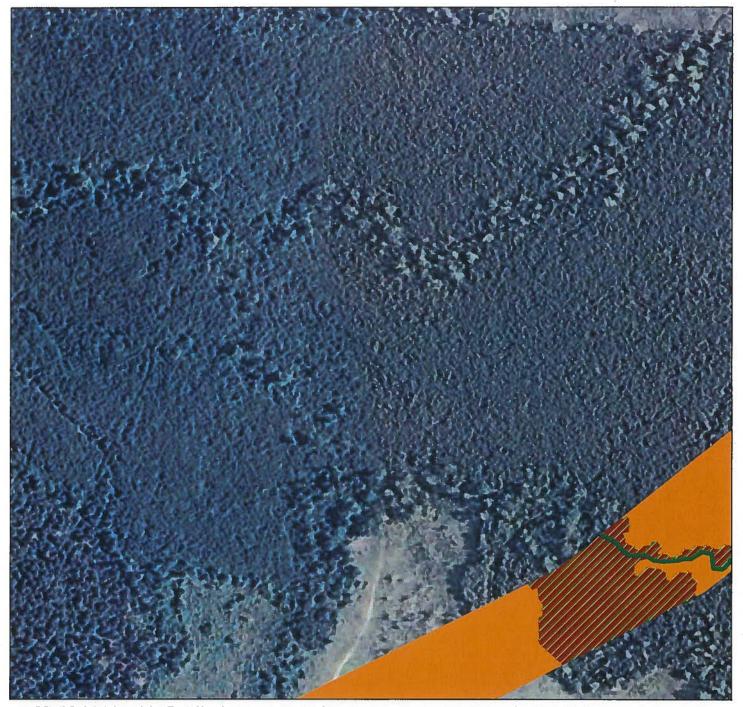
Legend



350

175

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:

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June 22, 2011

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

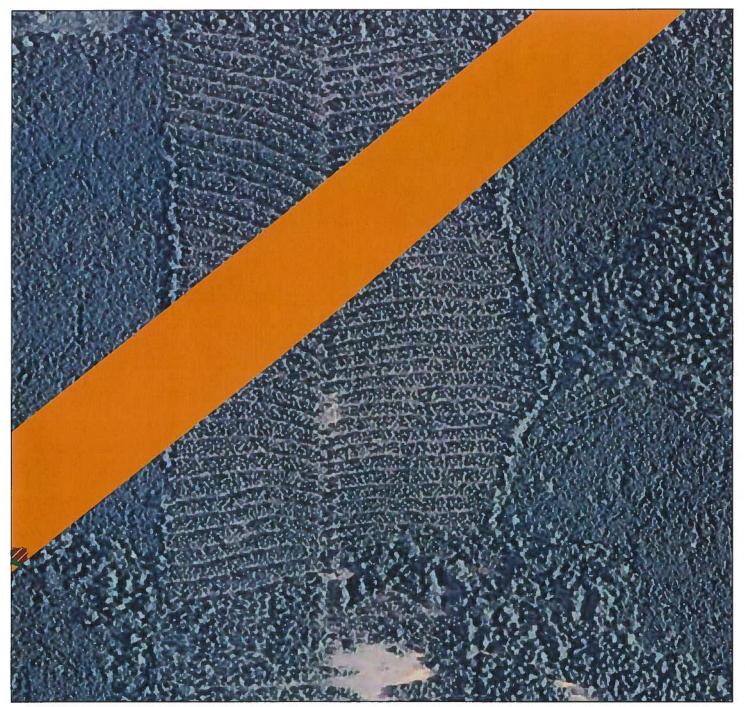
Non-jurisdictional, U, Uplands (3,321.78 acres)

0 175 350 Feet





125



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Feet

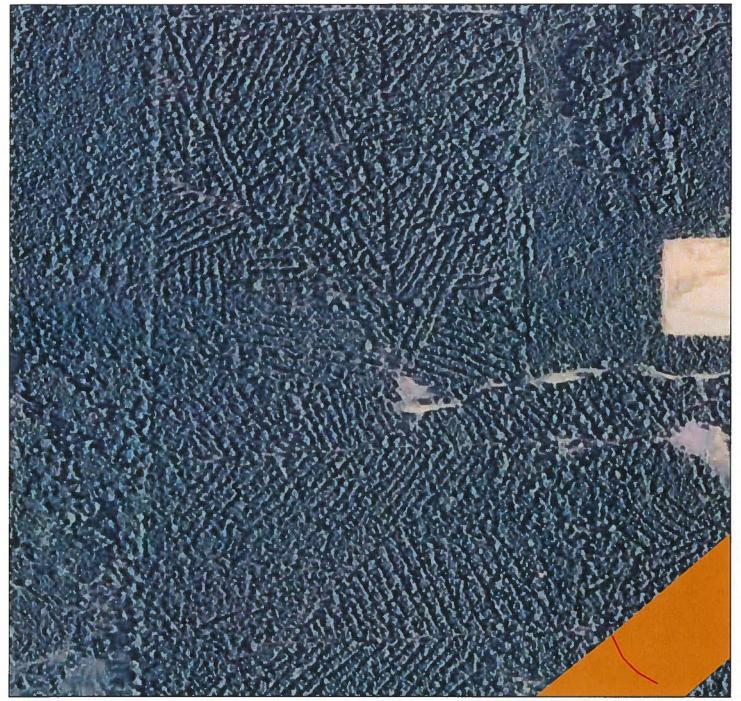
of Engineers.

2010, NAIP Aerial Imagery

Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Legend



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

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Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

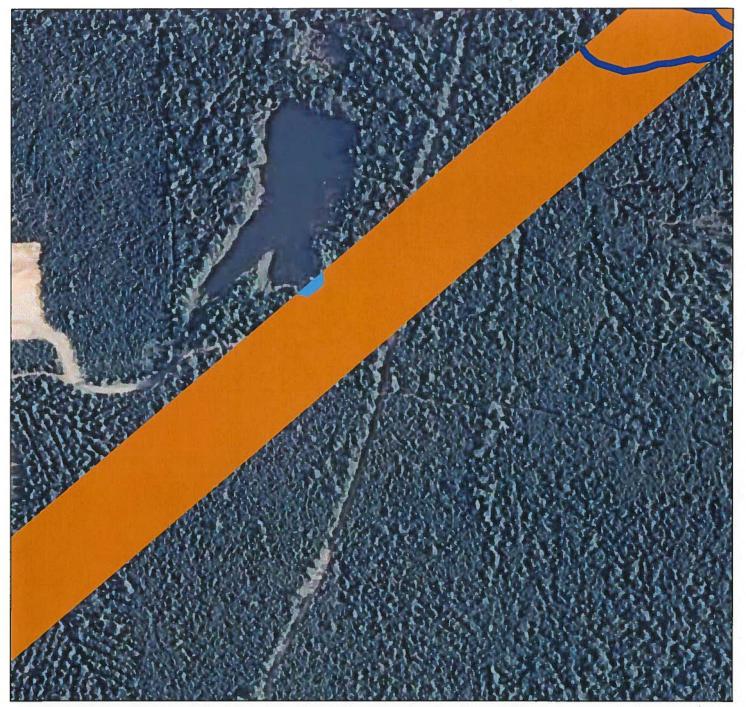
Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

US Army Corps of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 128

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

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Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



350

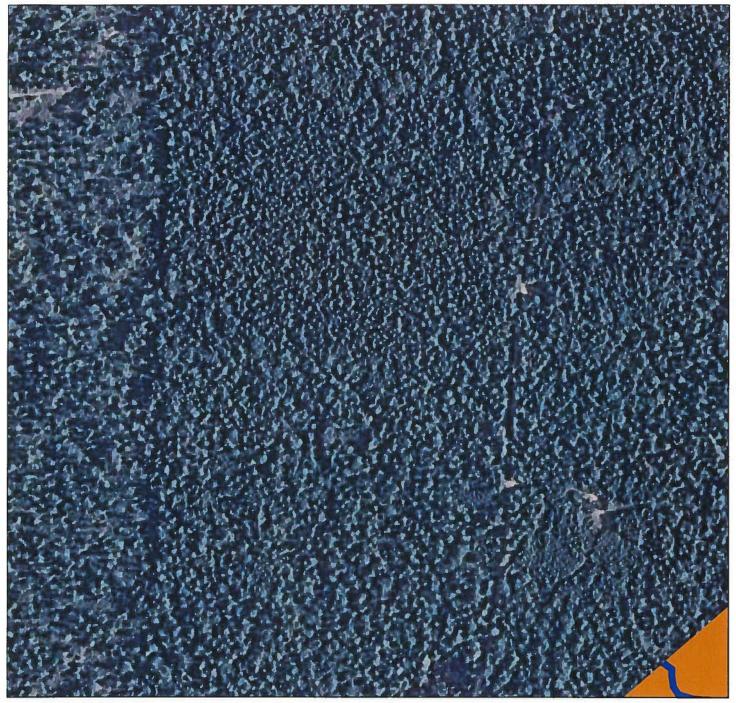
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Non-jurisdictional, U, Uplands (3,321.78 acres)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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2010, NAIP Aerial Imagery

Non-jurisdictional, U, Uplands (3,321.78 acres)

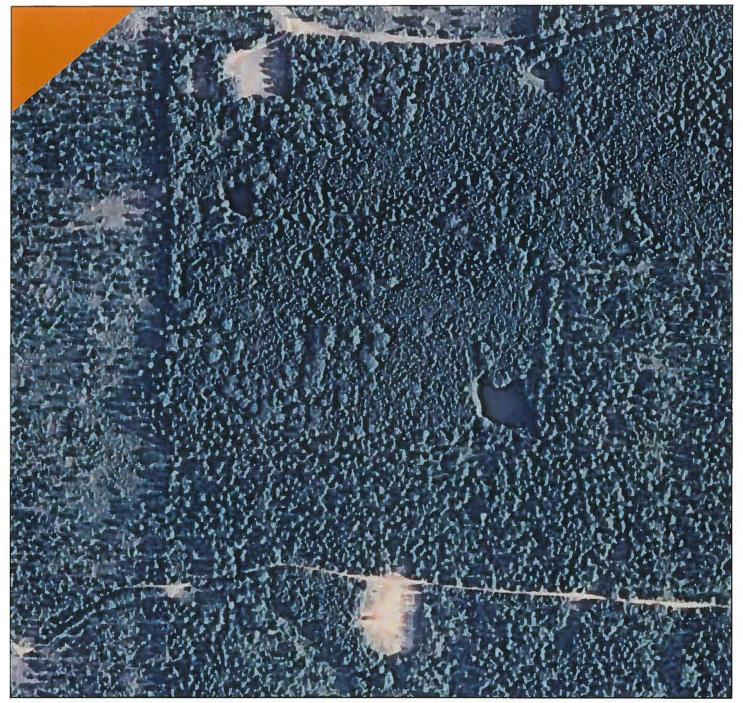


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2010, NAIP Aerial Imagery

Non-jurisdictional, U, Uplands (3,321.78 acres)



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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Junistictional, 1 Livi, 1 austine Lineigent (12.40 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)
Page Number:
132

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

June 22, 2011

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



350

Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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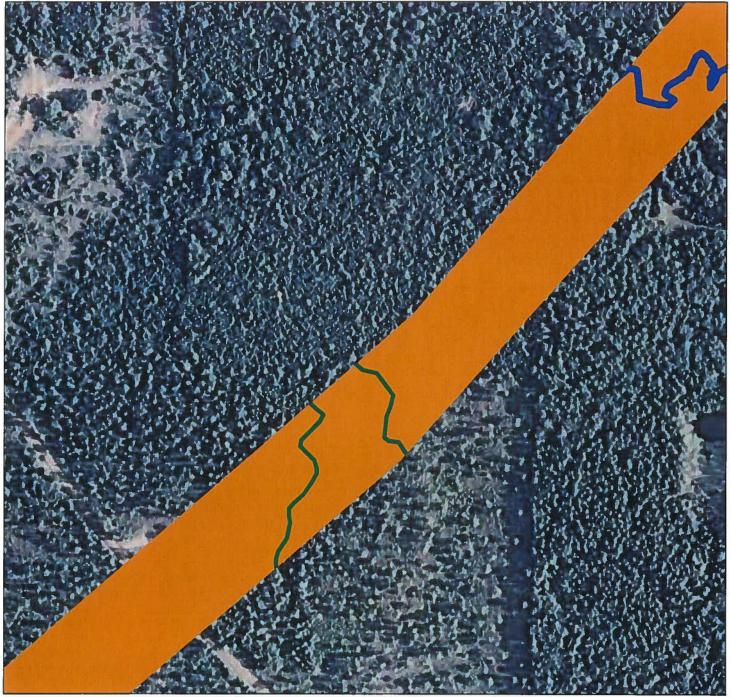
Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

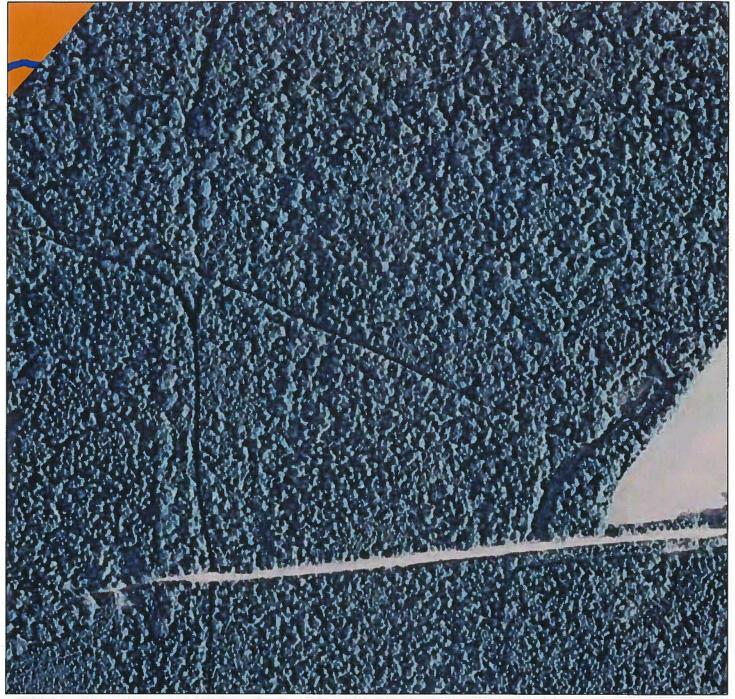
**US Army Corps** of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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2010, NAIP Aerial Imagery



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Non-jurisdictional, U, Uplands (3,321.78 acres)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 136 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) **US Army Corps** of Engineers.

Feet

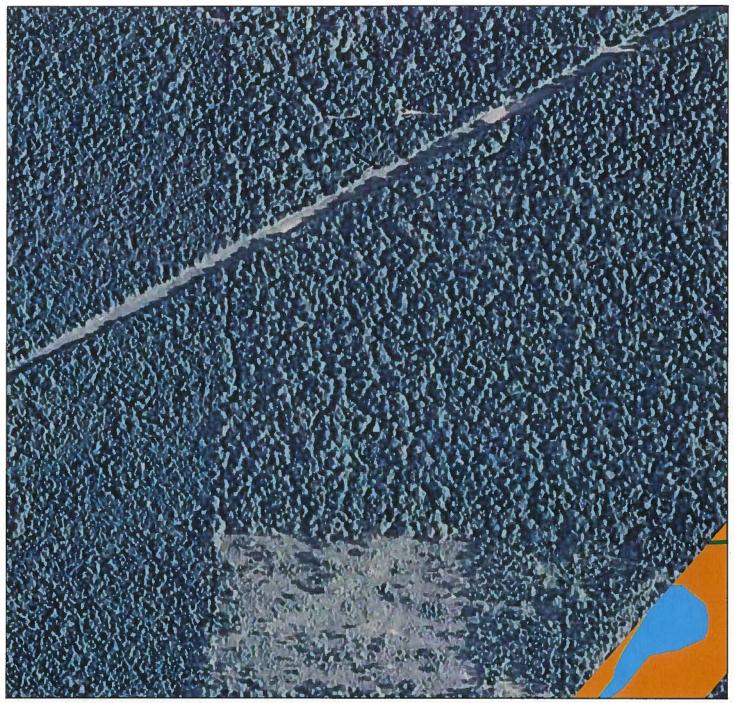
2010, NAIP Aerial Imagery

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 138

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

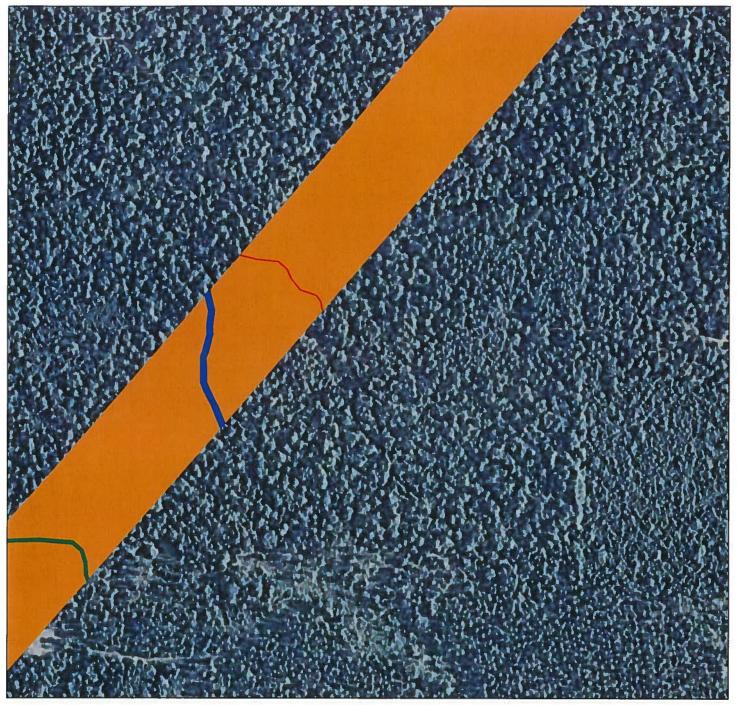
2010, NAIP Aerial Imagery

US Army Corps of Engineers

175

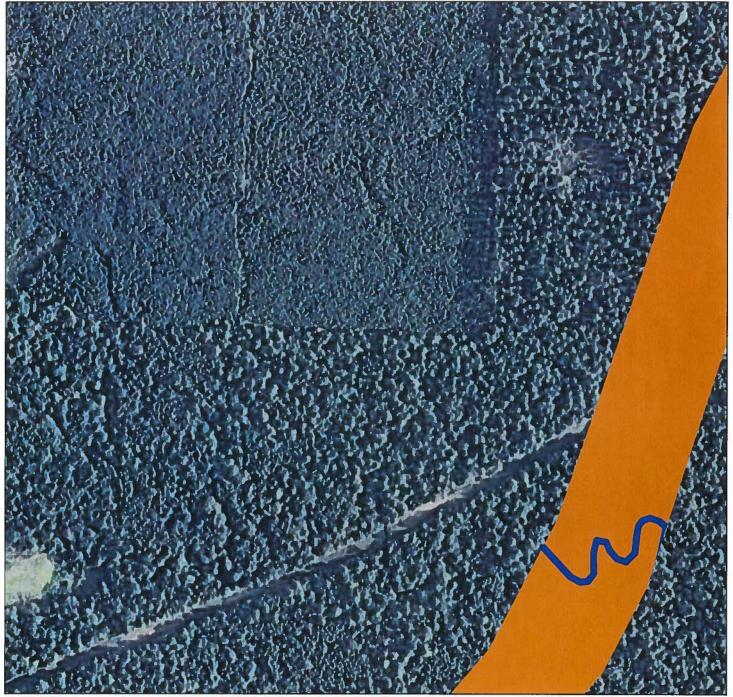
Feet

350



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 140

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

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Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

of Engineers.



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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 141

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

June 22, 2011

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

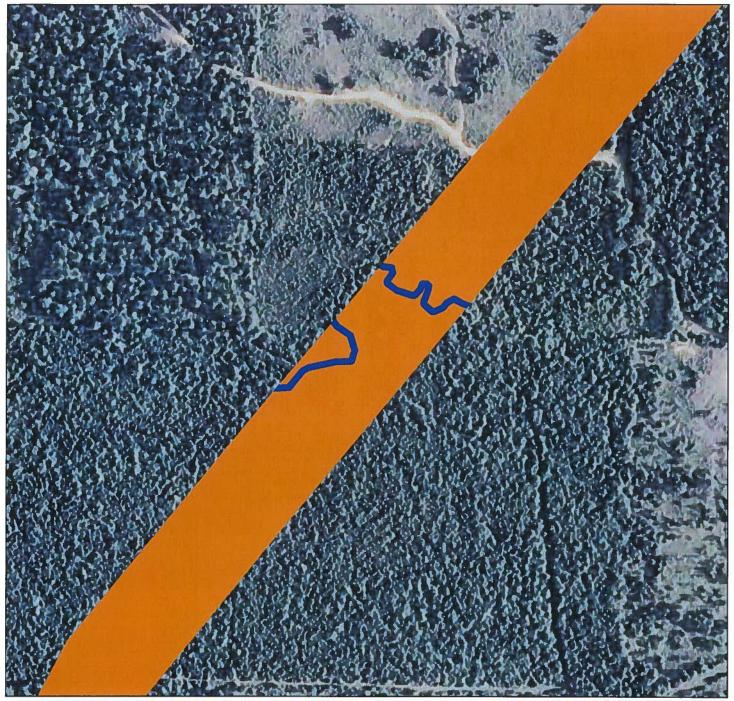
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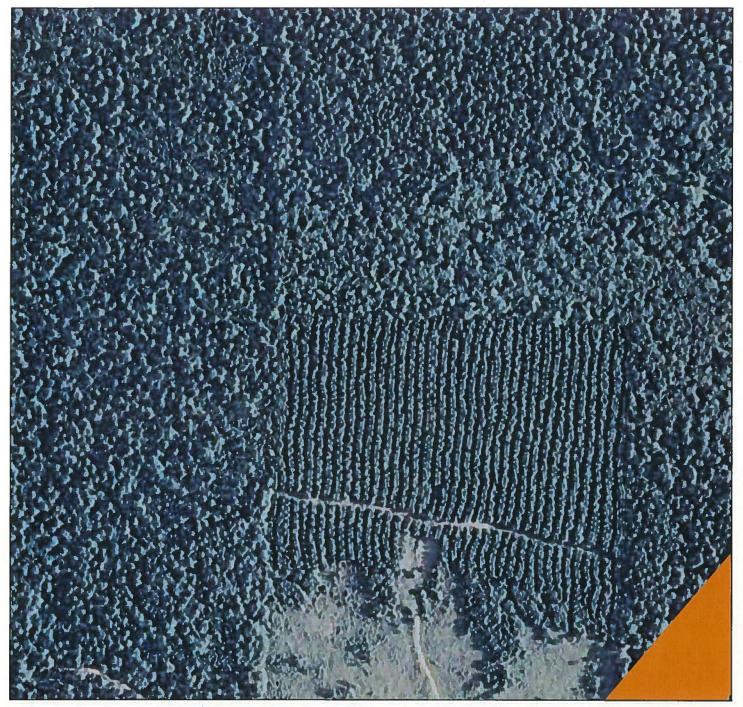






MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

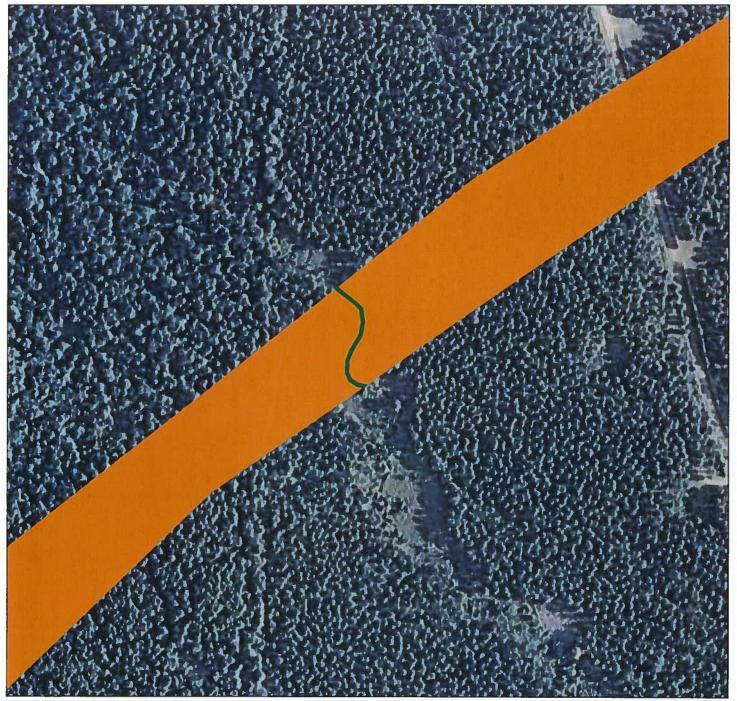
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Non-jurisdictional, U, Uplands (3,321.78 acres)



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2010, NAIP Aerial Imagery

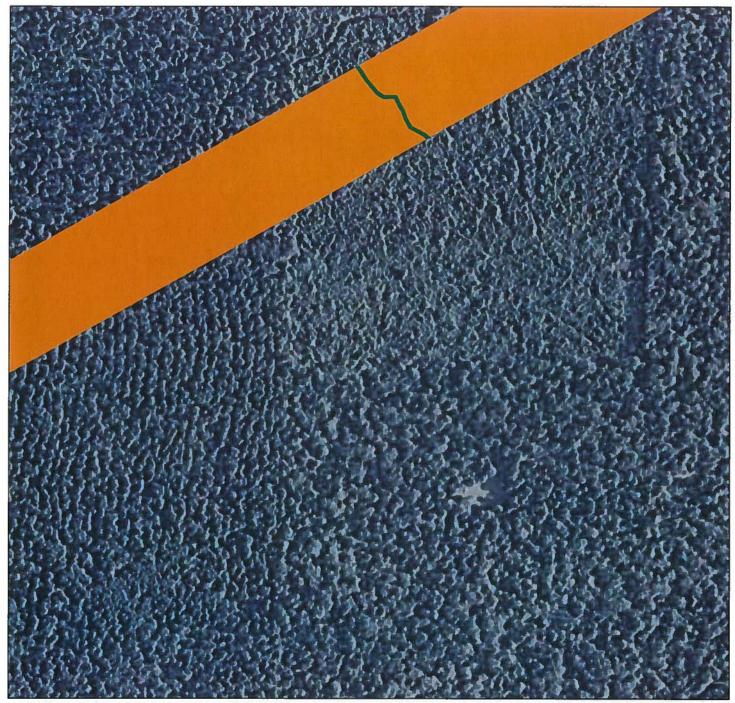
Feet

US Army Corps of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

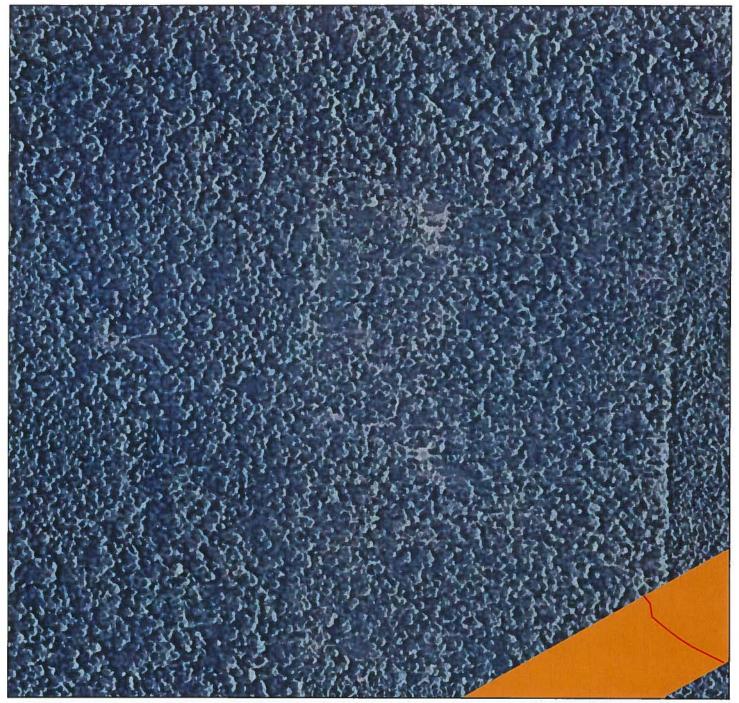
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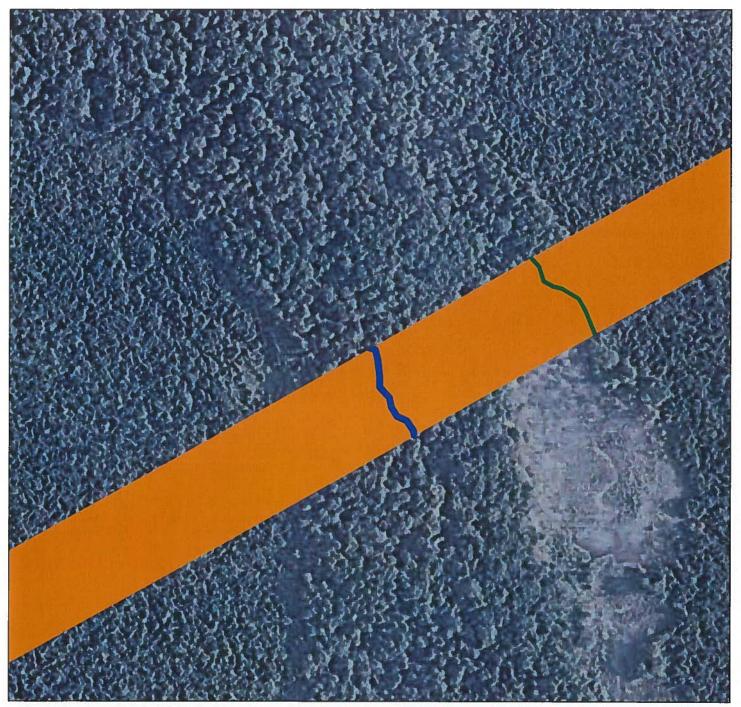
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2010, NAIP Aerial Imagery



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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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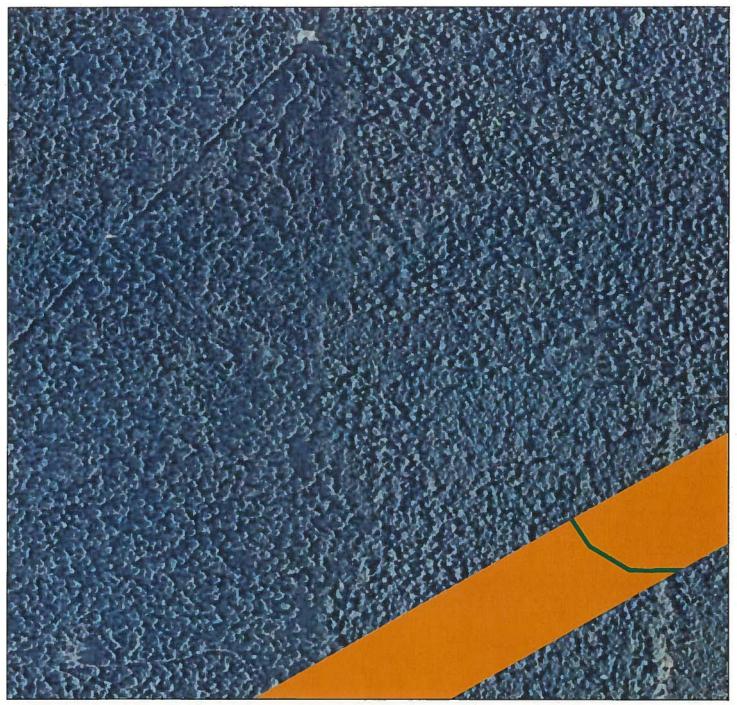
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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Feet

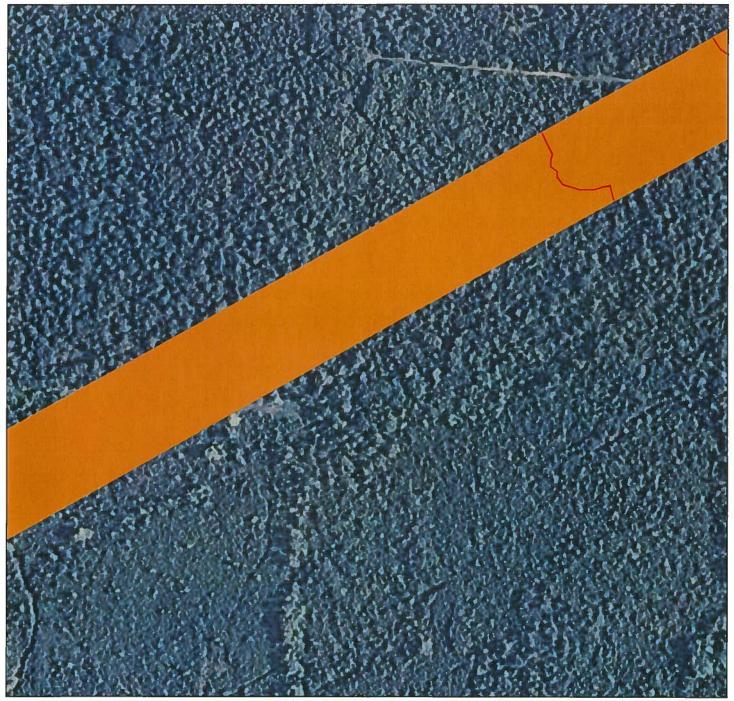
**US Army Corps** of Engineers.



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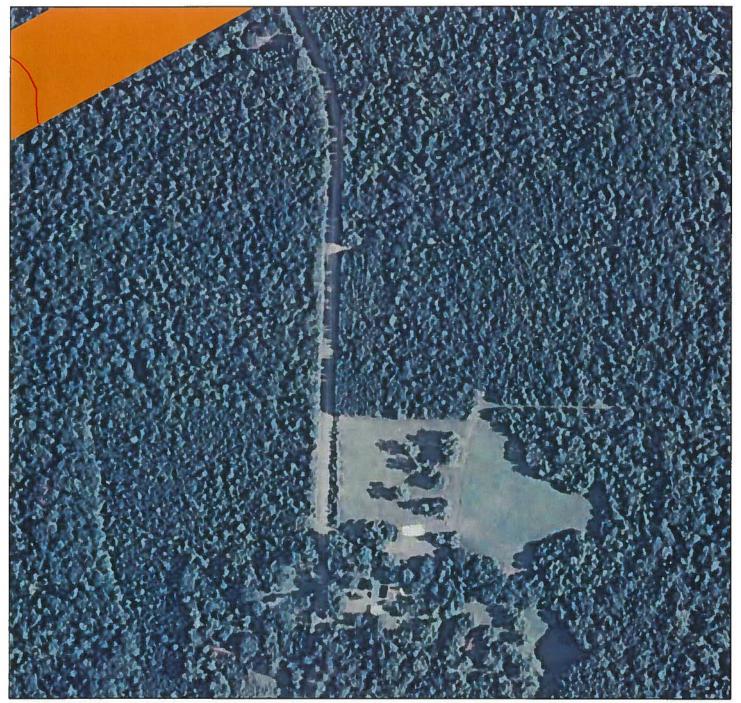
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Non-jurisdictional, U, Uplands (3,321.78 acres)



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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 153

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

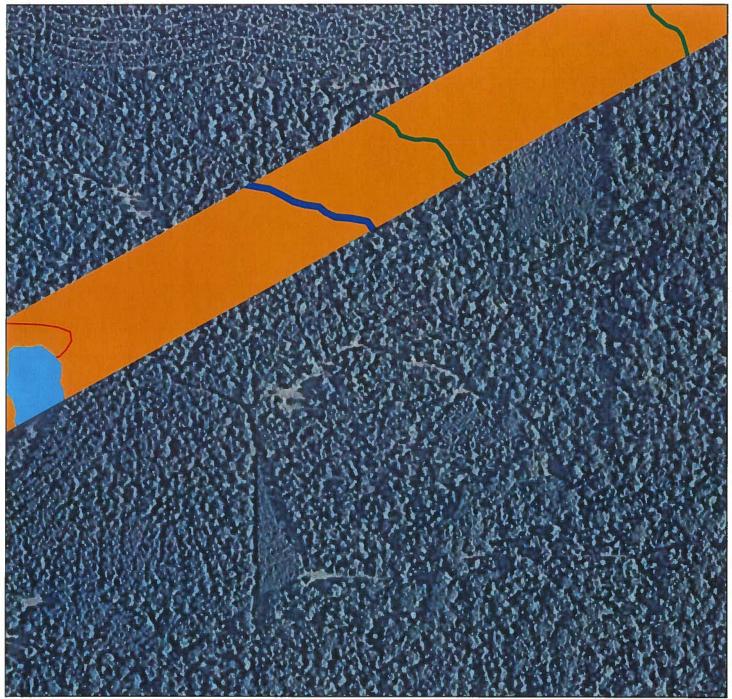
of Engineers.



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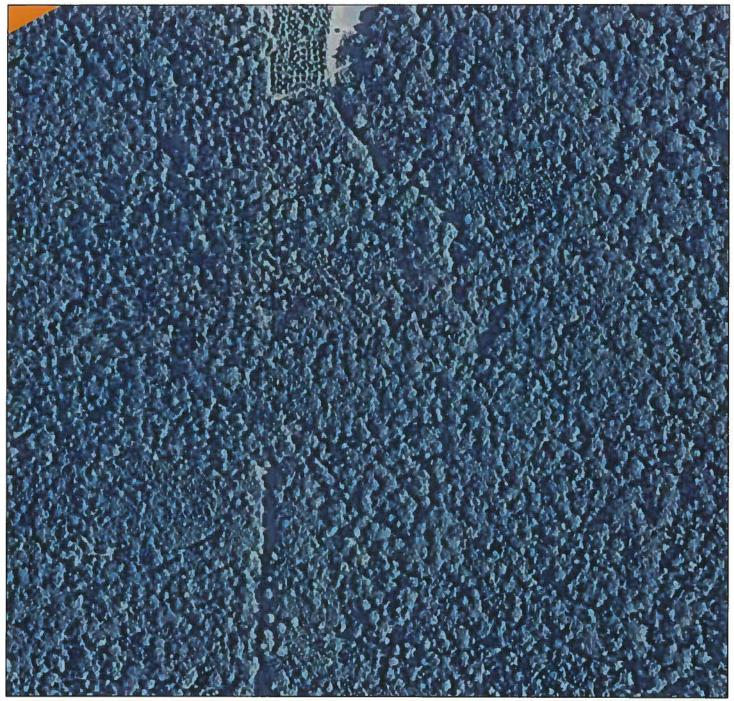
Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

of Engineers.



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- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 157 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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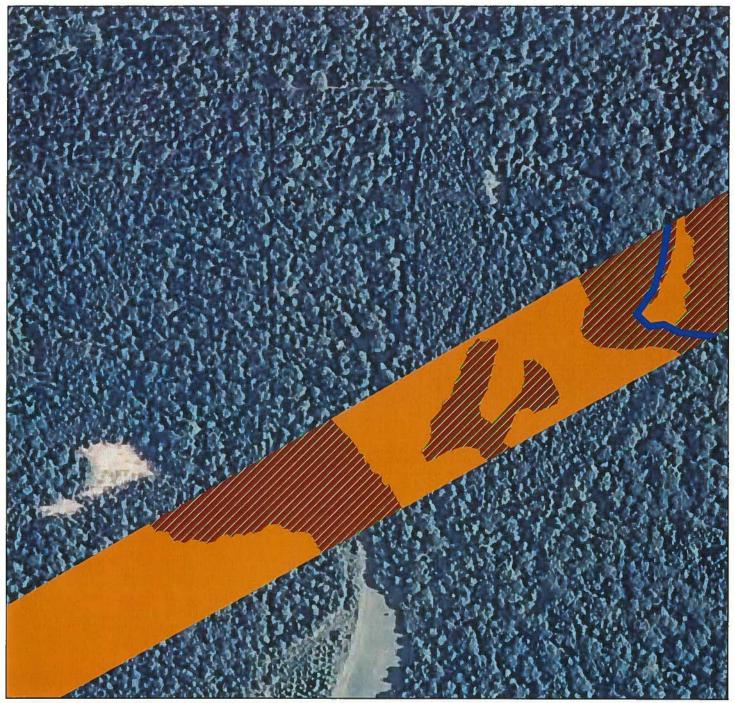
June 22, 2011

175

Feet

350

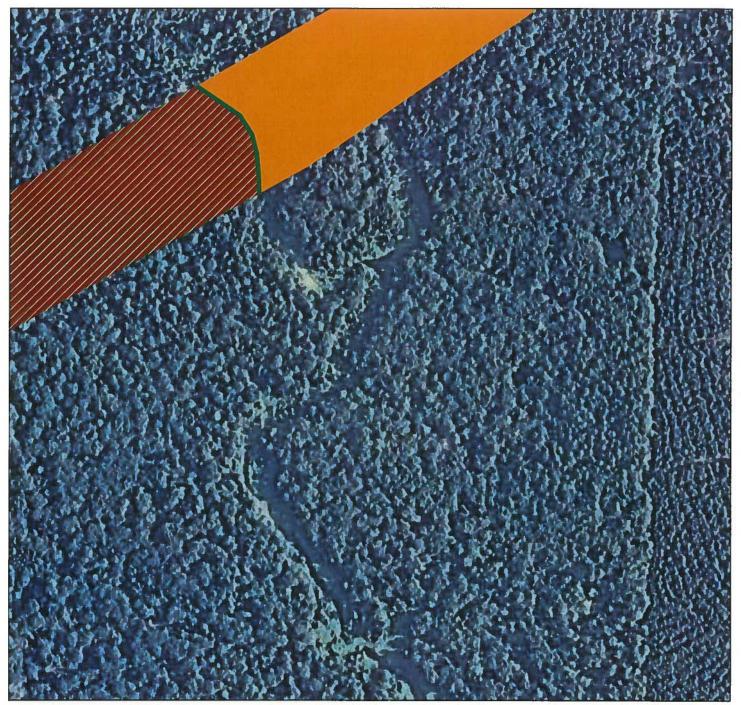




MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 158 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) **Army Corps Feet** of Engineers. Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres) 2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates.

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

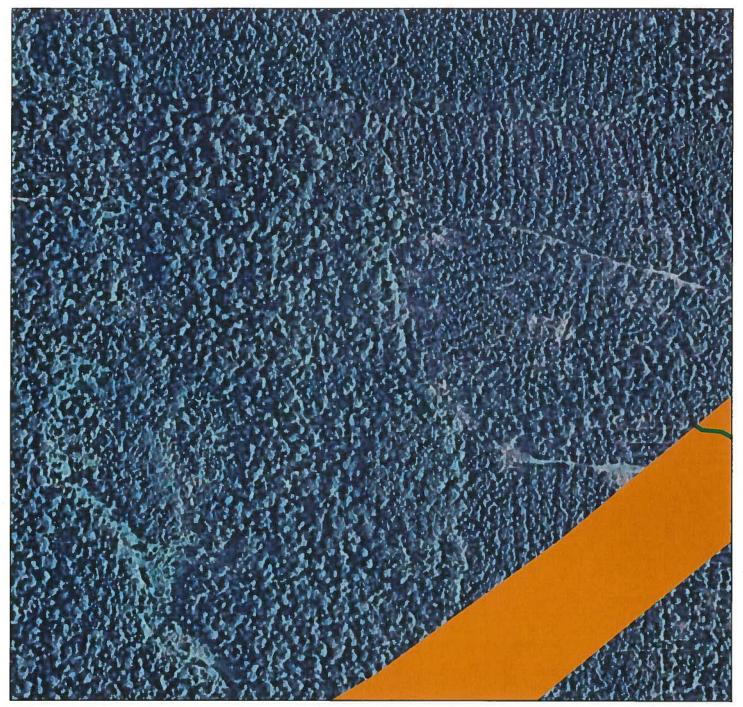
Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

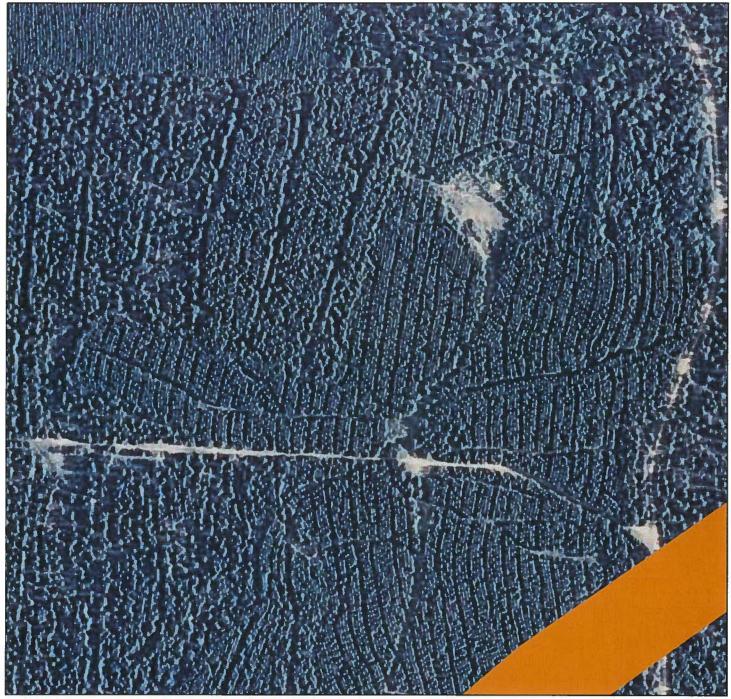
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MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 162

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

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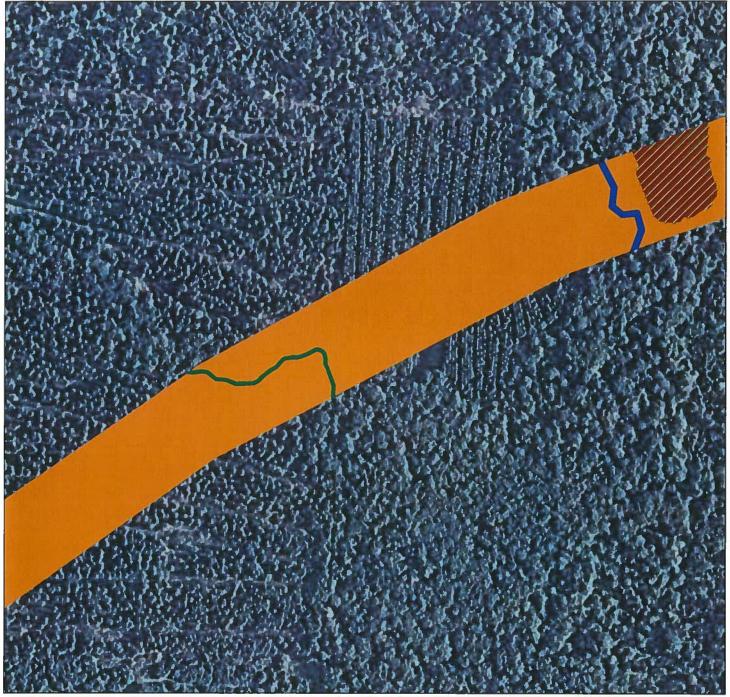
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US Army Corps of Engineers

2010, NAIP Aerial Imagery

June 22, 2011

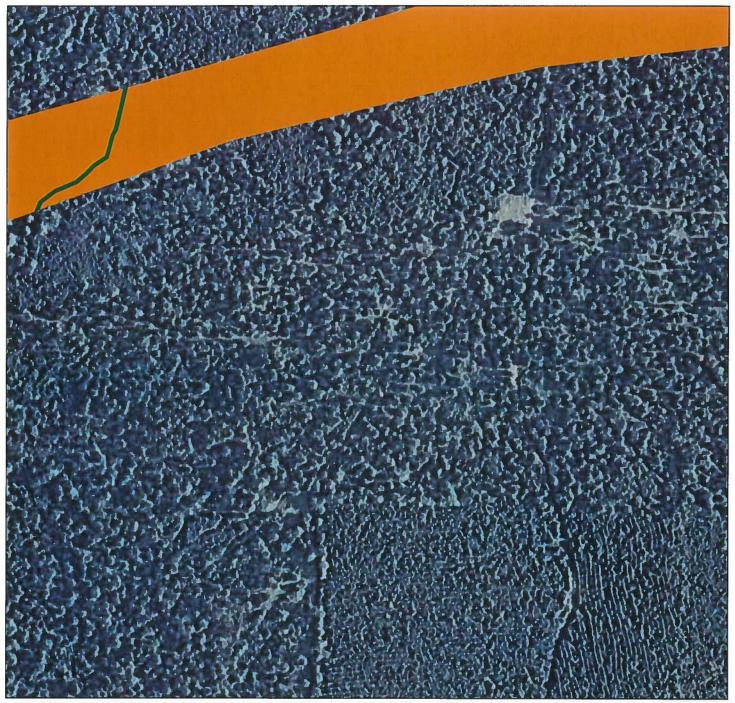


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Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

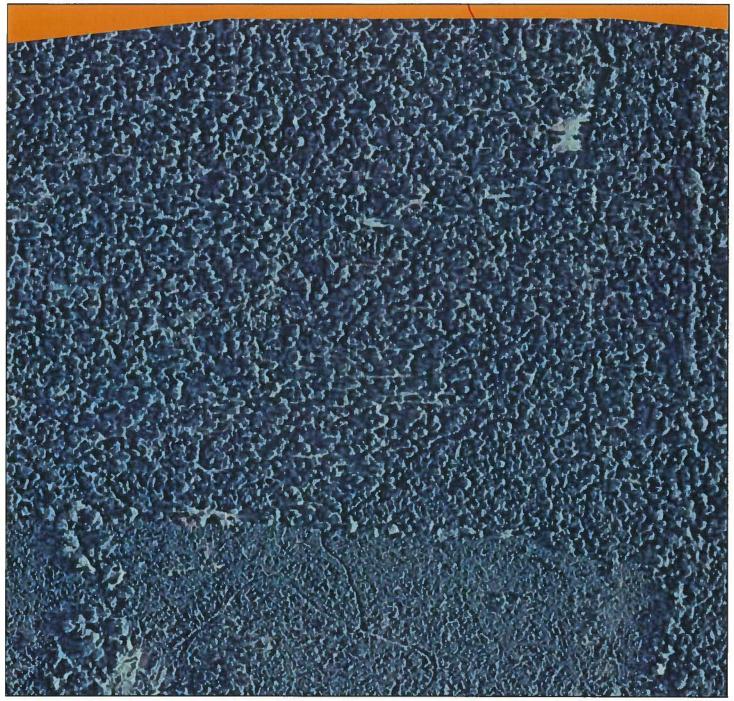
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Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 165

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 166 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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  - Non-jurisdictional, U, Uplands (3,321.78 acres)



175

Feet

350



2010, NAIP Aerial Imagery

June 22, 2011



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 167

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

0 175 350 Feet





2010, NAIP Aerial Imagery

June 22, 2011



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) 168 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) **US Army Corps** of Engineers. Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet) Feet

2010, NAIP Aerial Imagery



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

US Army Corps of Engineers



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 170
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)

175

Feet

350

**US Army Corps** of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 171 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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- Non-jurisdictional, U, Uplands (3,321.78 acres)

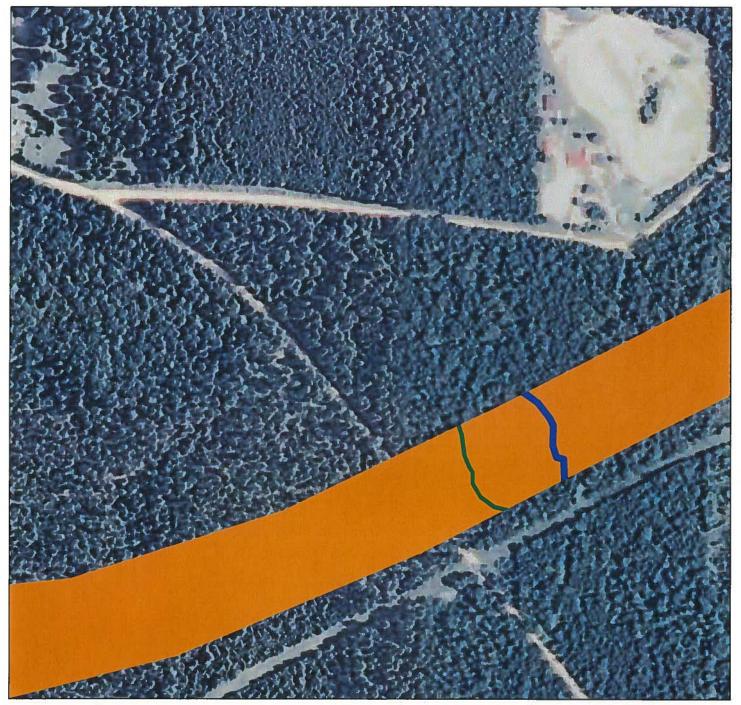


175

Feet

350

**Army Corps** of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 172

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

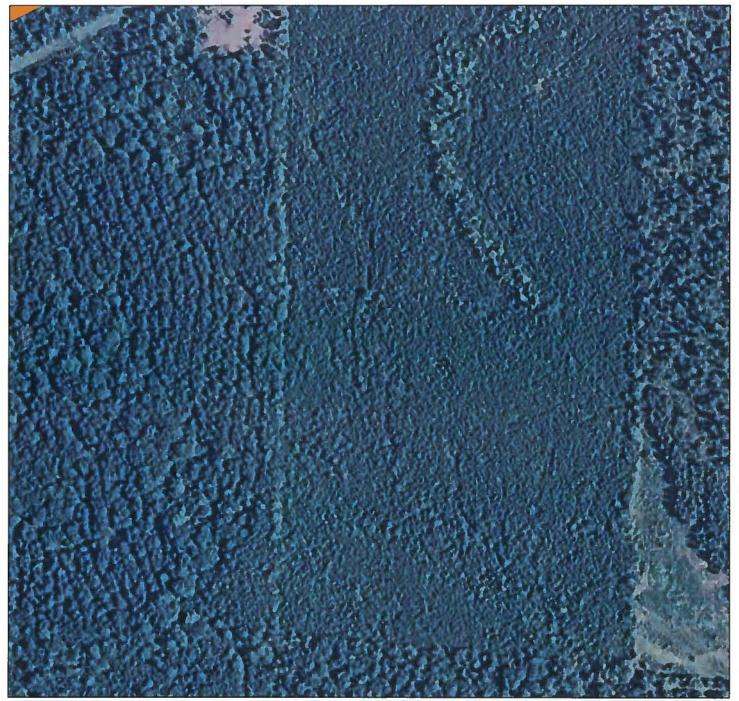
of Engineers«



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



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Non-jurisdictional, U, Uplands (3,321.78 acres)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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175

Feet

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Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



June 22, 2011



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

175

Feet

350

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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June 22, 2011



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2010, NAIP Aerial Imagery

Feet

of Engineers.



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- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 178
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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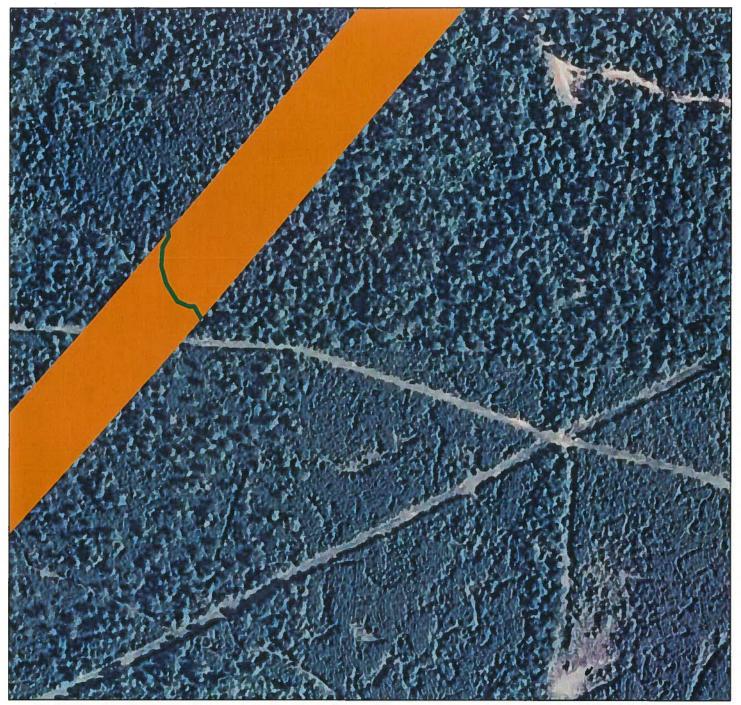
  June 22, 2011
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2010, NAIP Aerial Imagery

350

Feet



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Page Number: 179

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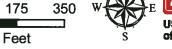
Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

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Non-jurisdictional, U, Uplands (3,321.78 acres)







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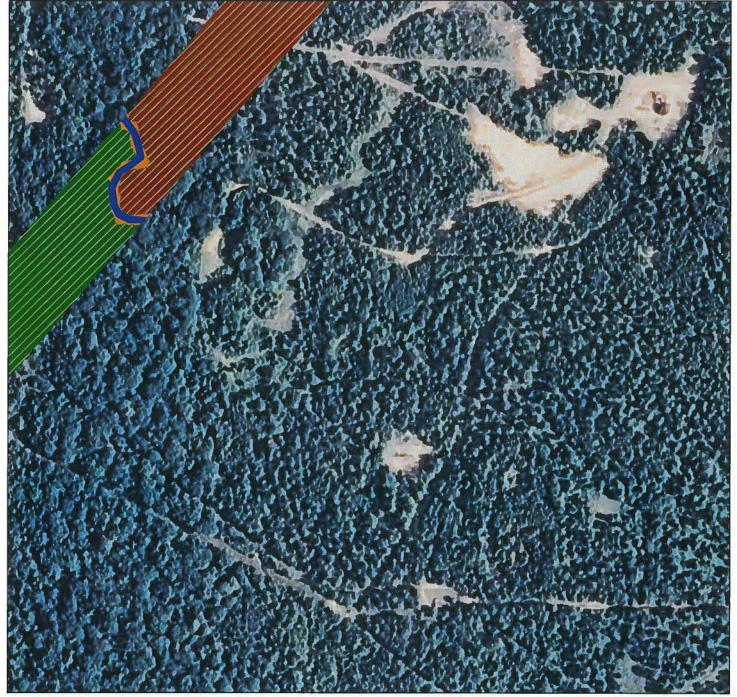
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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

2010, NAIP Aerial Imagery

**Feet** 

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

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175

**Feet** 

350

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

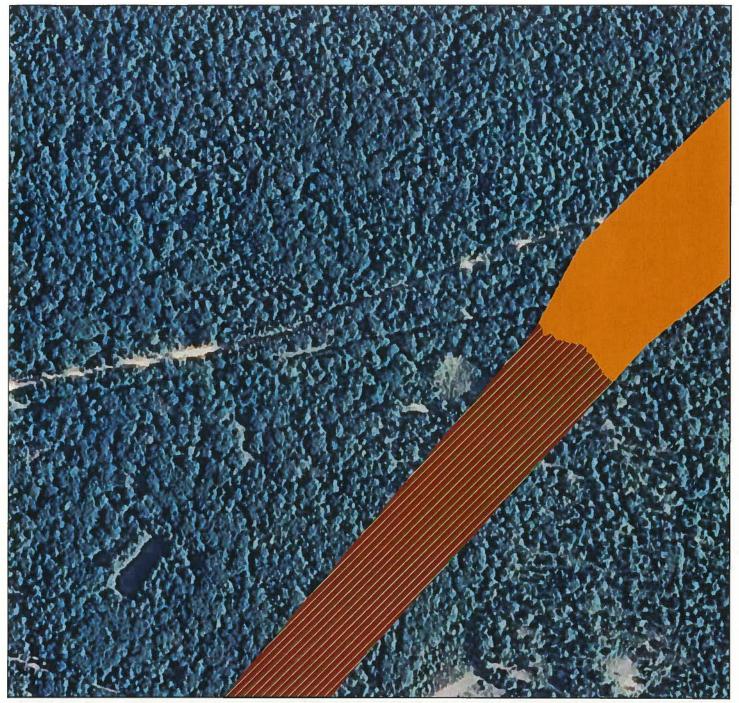
Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

This map, which is part of a series, must be depicted in color. All totals are preliminary estimates. Jurisdictional, PEM, Palustrine Emergent (12.46 acres) Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 182 Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres) Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres) June 22, 2011 Jurisdictional, POW, Open Water, Palustrine (7.19 acres) Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres) Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 175 350 Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet) **US Army Corps** of Engineers. Feet Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
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- Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)
- Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175
- Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)
- Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
- Non-jurisdictional, U, Uplands (3,321.78 acres)

June 22, 2011

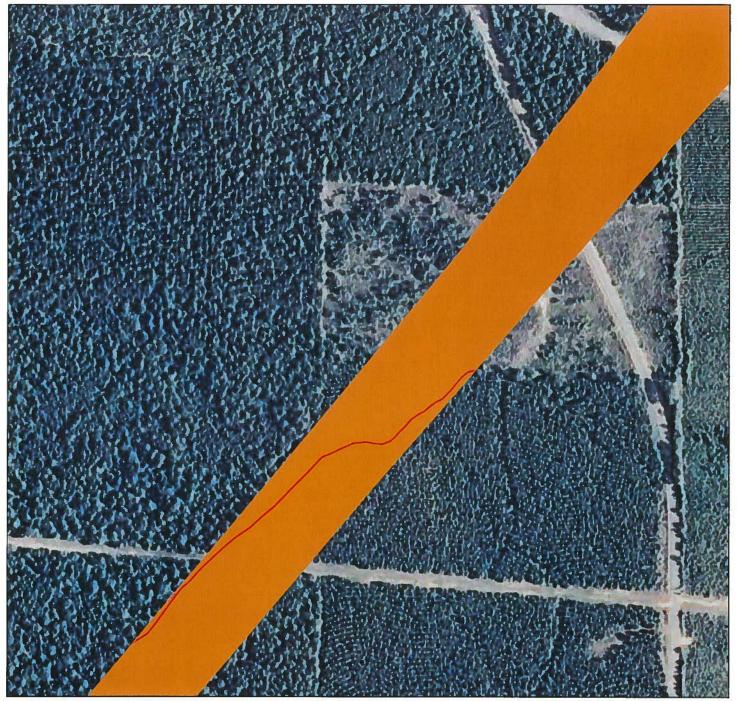


350

Feet



183



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

175

184

184

184

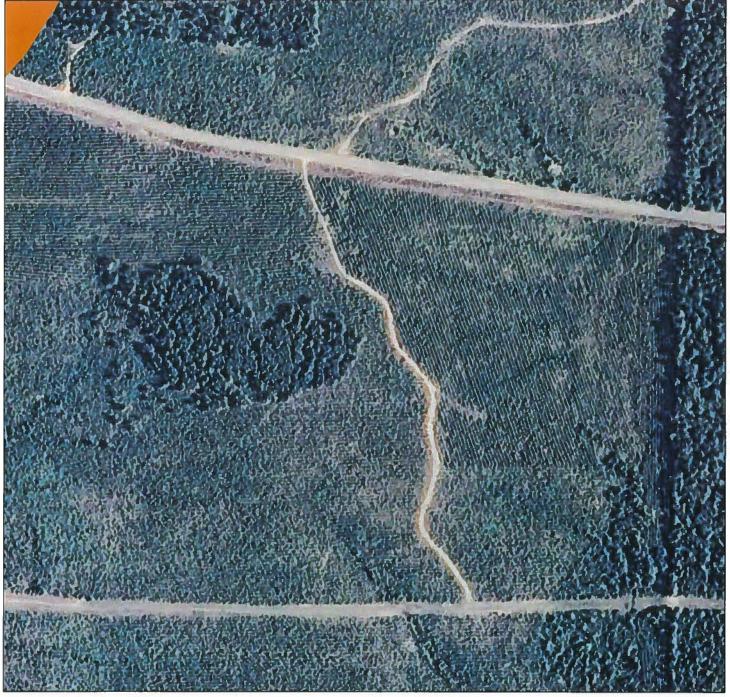
Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 185
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
- Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)
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  - Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)

W E

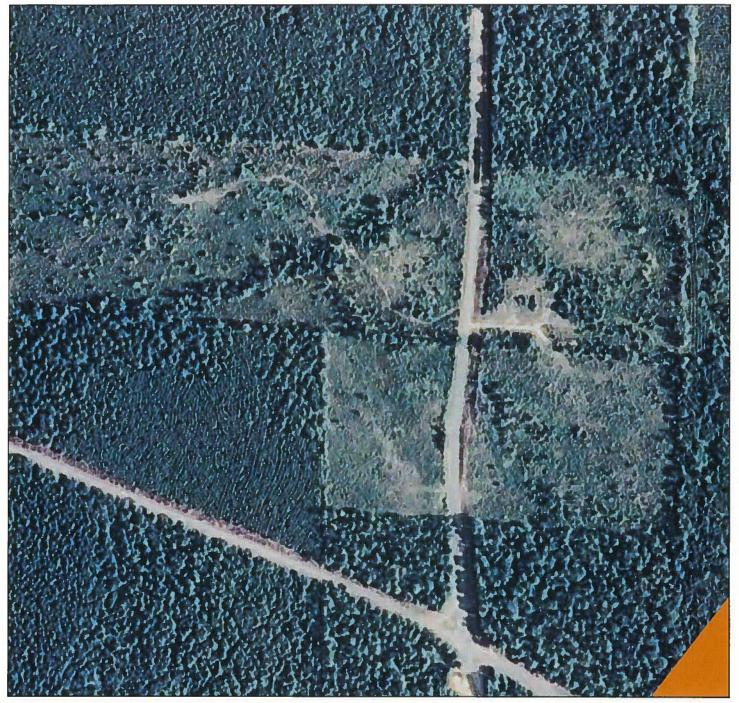
175

Feet

350

June 22, 2011

US Army Corps of Engineers



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

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Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

175

186

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
Non-jurisdictional, U, Uplands (3,321.78 acres)

2010, NAIP Aerial Imagery

Feet

US Army Corps of Engineers.



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number: 187

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

June 22, 2011

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Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

175 350 W







MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 188

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

Jurisdictional, POW, Open Water, Palustrine (7.19 acres)

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet)

175

188

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)



2010, NAIP Aerial Imagery

Feet



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes) Legend

- Jurisdictional, PEM, Palustrine Emergent (12.46 acres)
- 189 Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres) Page Number:
- Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)
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  - Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)
  - Non-jurisdictional, U, Uplands (3,321.78 acres)

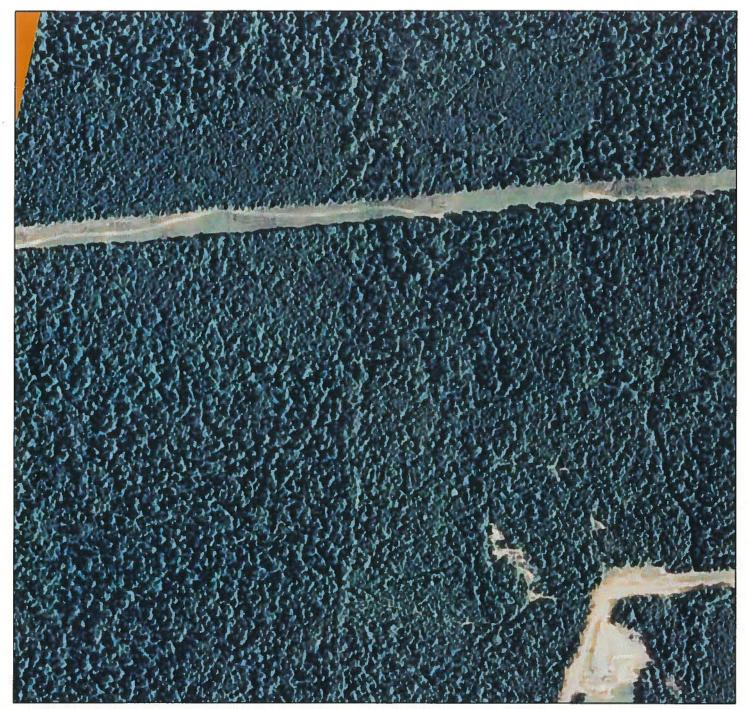


175

Feet

350





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 190

Jurisdictional, PFO2, Needle-Leaved Deciduous, Forested, Palustrine (6.05 acres)

Jurisdictional, PFO4, Needle-Leaved Evergreen, Forested, Palustrine (13.5 acres)

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June 22, 2011

June 22, 2011

Jurisdictional, PSS1, Broad-Leaved Deciduous, Scrub-Shrub, Palustrine (0.95 acres)

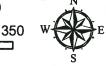
Jurisdictional, R2, Lower Perennial, Riverine (26,461.66 linear feet) 0 175

Jurisdictional, R4, Intermittent, Riverine (36,127.63 linear feet)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)

Non-jurisdictional, U, Uplands (3,321.78 acres)

Legend



Feet





MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Non-jurisdictional, U, Uplands (3,321.78 acres)



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2010, NAIP Aerial Imagery

Non-jurisdictional, U, Uplands (3,321.78 acres)



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- Non-jurisdictional, U, Uplands (3,321.78 acres)

June 22, 2011



175

Feet

350



193



MVK-2003-568, Preliminary Jurisdictional Determination (for planning purposes)

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Jurisdictional, PEM, Palustrine Emergent (12.46 acres)

Jurisdictional, PFO1, Broad-Leaved Deciduous, Forested, Palustrine (111.99 acres)

Page Number: 194

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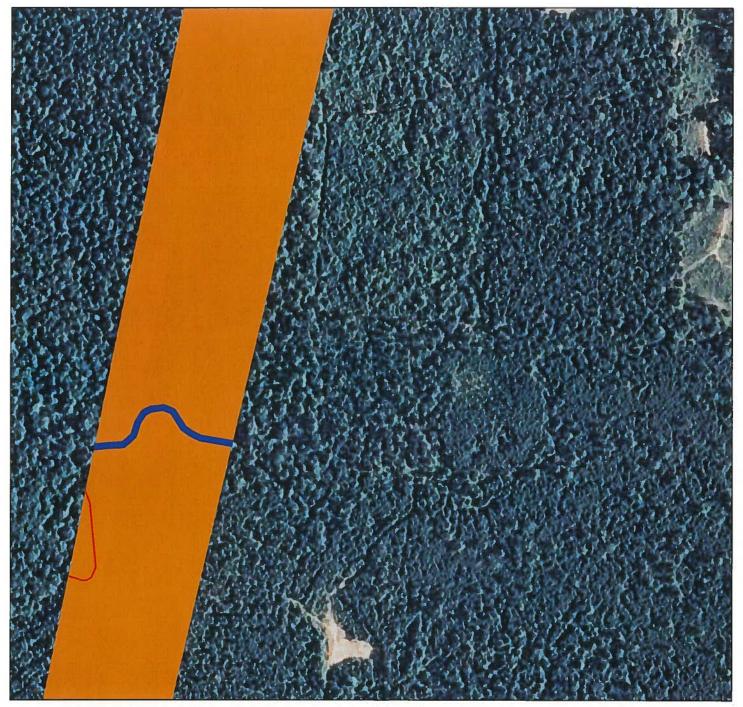
Feet

of Engineers.

2010, NAIP Aerial Imagery

Non-jurisdictional, U, Uplands (3,321.78 acres)

Jurisdictional, R6, Ephemeral, Riverine (30,142.37 linear feet)



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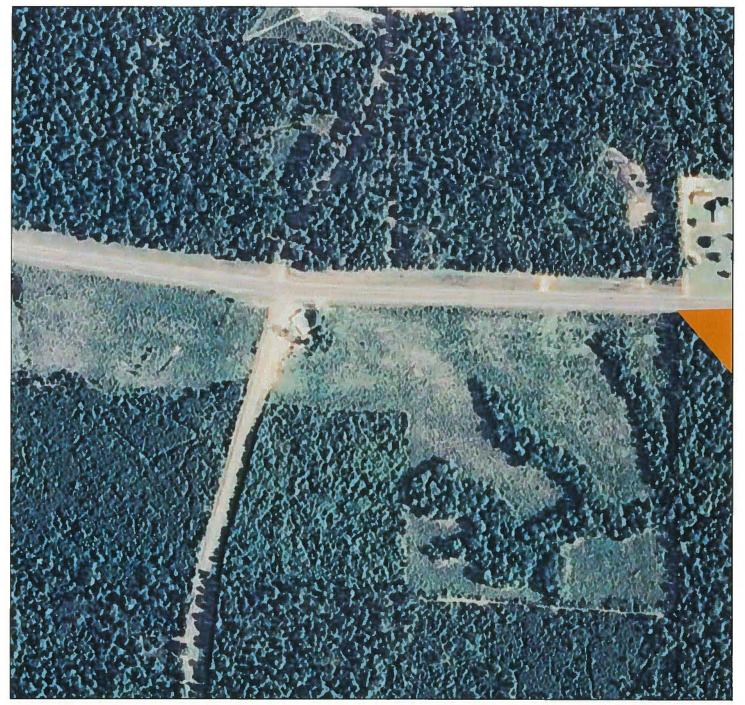
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Feet

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June 22, 2011

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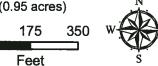
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of Engineers.

Feet